Zooplankton Abundance in Lakes Sampled by the 1978 British Columbia Lake Enrichment Program. Part 2: Central and North Coast, Skeena and Nass Systems

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July 1984

ZOOPLANKTON ABUNDANCE IN LAKES SAMPLED BY THE 1978 BRITISH COLUMBIA LAKE ENRICHMENT PROGRAM. PART 2: CENTRAL AND NORTH COAST, SKEENA AND NASS SYSTEMS.

by

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ABSTRACT

Rankin, D. P. H. J. Ashton, and O. D. Kennedy. 1984. Zooplankton abundance in lakes sampled by the 1978 British Columbia lake enrichment program. Part 2: Central and North Coast, Skeena and Nass Systems. Can. Data Rep. Fish. Aquat. Sci. No. 459: 111 p.

Zooplankton samples were collected from 14 lakes on the Central and North Coast and the Skeena and Nass systems. The purpose of the sampling was to collect data on zooplankton abundance and species composition from a fertilized lake (Long) and lakes being considered for fertilization under the federal-provincial Salmonid Enhancement Program. All lakes contained anadromous sockeye salmon (Oncorhynchus nerka).

Key words: zooplankton, abundance, composition, sockeye, lake enrichment.

RÉSUMÉ

Rankin, D. P., H. J. Ashton, and O. D. Kennedy. 1984. Zooplankton abundance in lakes sampled by the 1978 British Columbia lake enrichment program. Part 2: Central and North Coast, Skeena and Nass Systems. Can. Data Rep. Fish. Aquat. Sci. No. 459: 111 p.

Des échantillons de zooplancton ont été prélevés dans 14 lacs des bassins hydrographiques du centre et du nord de la côte et des rivières Skeena et Nass. Ces prélèvements avaient pour but d'obtenir des données sur l'abondance et la composition en espèces du zooplancton d'un lac fertilisé (Long) et de lacs pour lesquels ont étudie la possibilité d'une fertilisation dans le cadre du programme fédéral-provincial de mise en valeur des salmonidés. Tous les lacs contenaient des saumons rouges anadromes (Oncorhynchus nerka).

Mots clés: zooplancton, abondance, composition, saumon rouge, fertilisation de lacs

INTRODUCTION

Samples of zooplankton have been collected from a variety of lakes in British Columbia in each year since 1977 and from lakes in the Yukon in 1977 only (see previous reports by Stockner and Shortreed 1978ab; Rankin, Ashton and Kennedy 1979; and Rankin and Ashton 1980). These samples have been collected as part of the Lake Enrichment Program's studies on the use of nutrient additions to oligothrophic lakes as an enhancement technique for sockeye salmon (Stockner 1977 reviewed the objectives and progress of lake enrichment in the Pacific Northwest). The general purpose of these sampling efforts is to provide data concerning zooplankton abundance, species and size composition in a wide range of sockeye salmon nursery lakes. Information on zooplankton is used to assess, in part, a given lake's suitability for treatment to increase zooplankton food supplies potentially available to juvenile sockeye. During years in which the lake is treated these same data are required as indicators of treatment effects and their potential impact on sockeye growth and survival.

Although some of the data to be presented here have been reported in summary form by Rankin and Ashton (1980) and Stockner and Shortreed (1979), a complete record of the methods and results associated with the analysis of the 1978 zooplankton samples has not been produced to date and this is the focus for the present report.

METHODS AND MATERIALS

The locations of the lakes are given in Appendix table 1. During 1978, only Long Lake was fertilized. The locations of sampling sites in the treated lakes are given by Stockner, Shortreed and Stephens (1980). Sampling site locations for other lakes were published by Stockner and Shortreed (1979).

Zooplankton vertical hauls were taken using a dark, 100-μm SCOR[1] net (mouth area = 0.25 m^2). The depths from which the hauls were taken are given in the summary tables in Section 1. The net was rinsed and the sample removed and preserved in a 4% formalin-sucrose solution. The filtration coefficient of the net was assumed to be 1.0.

In the laboratory the sample was halved. Half of the sample was made up to 300 mL in a round-bottom flask. The contents of the flask were mixed thoroughly after which an aliquot was extracted using a bulb pipette. The size of the aliquot varied depending on the number of zooplankters in the

[1]Scientific Committee on Ocean Research.

sample. In dense samples (e.g. those from Stephens Lake) 1/150 of the sample was usually processed; in sparse samples (e.g. those from Kitlope Lake) usually 1/20 or 1/10 of the sample was processed. The species were identified and counted under low magnification (24x or 50X). Species identifications were made using the taxonomic keys in Edmondson (1959) and Pennak (1978) and should be considered tentative. Cladocera were categorized according to the size classes in LeBrasseur and Kennedy (1972). Copepods were classified as: eggs, nauplii, copepodites 1-2, copepodites 3-5 and adults. The copepod developmental stages were later converted to the species specific age classes given by LeBrasseur and Kennedy (1971). This conversion allows comparison between the 1978 data and that from earlier years. The remainder of the sample was scanned for rare species, i.e. species that did not appear in the aliquot.

The other one-half of the sample was filtered onto a 0.45-µm Millipore filter and dried for 24 hours. No effort was made to remove large, rare animals that may have added to the weight. The detrital content (e.g. debris, diatom contamination, etc.) of each sample was estimated in a semi-quantitative fashion from 0 (no contamination) to 4 (heavy contamination). If the detritus content was above 2, the dry biomass estimates should be treated with caution. Total wet weights were calculated using the species counts, the median length for each size group, and length-wet weight relationships given in Appendix table 2. Where the detritus content was high the calculated wet weights (reported in the summary tables) are considered more representative of the zooplankton biomass.

The data are presented in three sections. The first section contains summarized data for quick reference. The second section contains the zooplankton species counts, recorded on each sampling day, grouped as closely as possible into common size classes. This section was derived from Section 3 and was designed to be compatible with data tables produced by the current zooplankton processing system (Cone et al. 1983). Since 1977, four different methods have been used to process the zooplankton samples. Methods currently used (described by Cone et al. 1983) were adopted in 1981 and make use of a microcomputer aided system for processing zooplankton samples. The system consists of a television monitor and camera connected to a dissecting scope. A set of electronic calipers and a key pad, interfaced with an Apple II computer, are used to record zooplankton length and species, respectively, off the television monitor. The caliper program calculates, user specified, size frequency distributuions by numbers and biomass. The format used for data presentation in section 2 of this report has been adopted to facilitate comparisons between data derived from the 1978 zooplankton samples (manual processing only) and those derived from samples taken in 1981 or later (microcomputer aided processing). The third section presents the zooplankton species counts in the species-specific size groups or developmental stages into which they were originally counted to facilitate comparisons with the 1969-1976 Great Central Lake work. The counts in Sections 2 and 3 are reported as numbers per cubic meter unless otherwise indicated.

ACKNOWLEDGMENTS

Many members of the Lake Enrichment limnology staff collected the samples.

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ALASTAIR LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 5/ 9	1.	25.	9.0	224.6	54.	26.42	0.394
78/ 6/ 9	1.	25.	8.6	215.4	84.	34.78	0.472
78/ 7/20	1.	25.	8.3	208.1	76.	32.47	0.497
78/ 8/12	1.	25.	13.4	335.9	146.	19.71	0.569
78/ 9/13	1.	25.	6.8	169.8	61.	13.90	0.406
78/10/17	1.	25.	6.9	172.5	60.	14.74	0.461

* DETRITUS CONTENT: 0=NONE, 4=HIGH

BEAR LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 6/10	1.	15.	88.7	1331.1	744.	76.88	0.540
78/ 7/14	1.	10.	80.9	808.8	1041.	27.29	0.711
78/ 8/15	1.	15.	88.2	1322.6	627.	21.11	0.658
78/ 9/12	1.	10.	149.1	1490.7	1168.	34.37	0.713

* DETRITUS CONTENT: 0=NONE, 4=HIGH

BEAR LAKE
STATION: 2

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 6/10	1.	25.	51.4	1284.6	434.	29.18	0.610
78/ 7/14	1.	25.	86.6	2164.6	1045.	34.15	0.696
78/ 8/15	1.	25.	92.3	2308.3	661.	33.08	0.543
78/ 9/12	1.	25.	52.1	1302.6	383.	26.51	0.521

* DETRITUS CONTENT: 0=NONE, 4=HIGH

FRED WRIGHT LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 6/13	1.	25.	27.2	681.2	491.	25.34	0.651
78/ 7/15	1.	25.	74.7	1867.1	834.	48.58	0.541
78/ 8/15	1.	25.	43.1	1076.4	669.	43.78	0.516
78/ 9/14	1.	25.	13.9	347.0	161.	31.51	0.385
78/10/18	1.	25.	18.7	466.6	128.	47.65	0.343

* DETRITUS CONTENT: 0=NONE, 4=HIGH

GAMBLE LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 5/11	1.	25.	12.4	311.0	138.	6.19	0.655

* DETRITUS CONTENT: 0=NONE, 4=HIGH

KITLOPE LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 5/ 9	2.	25.	3.5	87.3	4.	0.66	0.351
78/ 6/ 6	3.	25.	1.8	45.3	1.	0.13	0.277
78/ 7/20	2.	25.	3.0	75.6	11.	1.17	0.705
78/ 8/10	3.	25.	1.8	44.4	1.	0.09	0.612
78/ 9/13	2.	25.	2.6	65.8	10.	0.82	0.425
78/10/17	2.	25.	1.2	30.2	3.	0.33	0.386

* DETRITUS CONTENT: 0=NONE, 4=HIGH

LONG LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 1/17	2.	50.	3.5	173.4	45.	3.51	0.487
78/ 2/21	1.	50.	5.7	287.1	3.	0.46	0.354

* DETRITUS CONTENT: 0=NONE, 4=HIGH

LONG LAKE
STATION: 2

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 1/17	1.	50.	2.9	147.0	17.	2.11	0.355
78/ 2/21	1.	50.	6.9	345.2	7.	0.47	0.424
78/ 4/ 3	1.	50.	1.9	92.7	4.	0.71	0.302
78/ 5/ 9	1.	50.	2.6	132.5	10.	0.51	0.597
78/ 6/14	1.	50.	1.7	85.5	10.	2.34	0.654
78/ 7/18	1.	50.	1.9	95.4	8.	0.85	0.454
78/ 8/23	1.	50.	4.2	210.9	116.	3.22	0.773
78/ 9/19	1.	50.	9.4	471.2	68.	9.58	0.466
78/11/ 1	1.	50.	21.1	1054.7	244.	23.57	0.294
78/11/29	1.	50.	8.6	431.3	116.	7.36	0.377

* DETRITUS CONTENT: 0=NONE, 4=HIGH

LONG LAKE
STATION: 3

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 4/ 3	1.	50.	1.9	92.7	5.	1.44	0.271
78/ 5/ 9	1.	50.	8.9	443.4	84.	2.46	0.853
78/ 6/14	1.	50.	14.1	704.6	210.	2.51	0.990
78/ 7/18	2.	50.	10.1	504.7	22.	2.58	0.503
78/ 8/23	2.	50.	1.5	75.6	16.	0.93	0.582
78/ 9/19	1.	50.	21.6	1082.1	182.	20.91	0.494
78/11/ 1	1.	50.	13.6	682.2	146.	8.40	0.345
78/11/29	3.	50.	12.1	604.5	91.	4.40	0.413

* DETRITUS CONTENT: 0=NONE, 4=HIGH

LOWE LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 5/11	1.	25.	2.7	66.7	6.	1.10	0.351
78/ 6/14	1.	25.	8.8	220.9	54.	3.38	0.517
78/ 7/19	1.	25.	12.8	321.2	117.	23.01	0.274
78/ 8/12	1.	25.	8.7	217.3	78.	7.53	0.349
78/ 9/11	1.	25.	14.2	354.4	51.	5.21	0.346
78/10/19	1.	25.	1.6	40.0	60.	4.33	0.440

* DETRITUS CONTENT: 0=NONE, 4=HIGH

MEZIADIN LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 5/12	1.	25.	10.3	256.7	129.	16.56	0.502
78/ 6/11	1.	25.	31.1	777.8	441.	27.41	0.608
78/ 7/17	1.	25.	45.8	1144.5	577.	45.22	0.512
78/ 8/13	1.	25.	23.8	594.2	589.	34.94	0.617
78/ 9/10	1.	25.	23.3	583.0	196.	17.72	0.537
78/10/18	1.	25.	17.8	445.2	211.	12.61	0.676

* DETRITUS CONTENT: 0=NONE, 4=HIGH

MEZIADIN LAKE
STATION: 2

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 5/12	1.	25.	21.7	542.0	329.	40.75	0.496
78/ 6/11	1.	25.	19.1	478.7	366.	33.55	0.509
78/ 7/17	1.	25.	48.5	1212.6	599.	61.92	0.541
78/ 8/13	1.	25.	16.1	402.5	339.	23.91	0.526
78/ 9/10	1.	25.	14.7	366.4	133.	15.46	0.519
78/10/18	1.	25.	11.6	290.7	136.	7.81	0.644

* DETRITUS CONTENT: 0=NONE, 4=HIGH

MORICE LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 6/12	1.	25.	38.4	960.3	454.	37.82	0.558
78/ 7/18	1.	25.	45.8	1144.5	317.	19.30	0.661
78/ 8/11	1.	25.	36.5	912.3	181.	5.64	0.758
78/ 9/ 7	1.	25.	18.1	452.7	171.	10.47	0.624
78/10/12	1.	25.	23.2	581.2	209.	8.55	0.669

* DETRITUS CONTENT: 0=NONE, 4=HIGH

MORICE LAKE
STATION: 2

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 6/12	1.	25.	4.7	118.0	58.	5.92	0.495
78/ 7/18	1.	25.	19.3	482.4	178.	11.57	0.618
78/ 8/11	1.	25.	26.1	652.2	372.	9.60	0.809
78/ 9/ 7	1.	25.	22.6	564.4	236.	11.35	0.664
78/10/12	1.	25.	19.7	491.7	138.	9.03	0.619

* DETRITUS CONTENT: 0=NONE, 4=HIGH

MORICE LAKE
STATION: 3

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 7/18	1.	25.	67.1	1677.2	744.	45.13	0.636
78/ 8/11	1.	25.	18.4	461.0	147.	5.47	0.689

OWIKENO LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 4/ 4	1.	50.	12.0	599.8	97.	3.91	0.731
78/ 5/10	4.	25.	7.5	187.1	6.	0.59	0.489
78/ 6/15	3.	25.	11.1	277.9	27.	2.04	0.494
78/ 7/19	1.	25.	5.2	130.7	14.	1.66	0.901
78/ 8/24	1.	25.	4.1	101.7	17.	4.67	0.969
78/ 9/20	2.	25.	3.5	86.4	12.	2.23	0.733
78/11/ 2	1.	25.	5.5	137.0	13.	14.54	0.865

* DETRITUS CONTENT: 0=NONE, 4=HIGH

OWIKENO LAKE
STATION: 2

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 4/ 4	1.	50.	1.9	94.5	12.	1.35	0.469
78/ 5/10	3.	25.	3.4	84.6	3.	0.81	0.355
78/ 6/15	1.	25.	6.6	166.1	40.	2.32	0.601
78/ 7/19	1.	25.	3.2	81.0	18.	1.49	0.847
78/ 8/24	1.	25.	4.9	121.6	49.	3.59	0.994
78/ 9/20	1.	25.	4.4	109.9	51.	0.59	0.893
78/11/ 2	1.	25.	3.1	78.3	9.	16.70	0.977

* DETRITUS CONTENT: 0=NONE, 4=HIGH

OWIKENO LAKE
STATION: 3

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 4/ 4	1.	25.	10.3	257.6	85.	2.02	0.879
78/ 5/10	4.	25.	21.3	531.7	19.	1.09	0.598
78/ 6/15	1.	25.	4.0	99.9	17.	0.93	0.622
78/ 7/19	1.	25.	2.3	57.7	4.	0.10	0.749
78/ 8/24	1.	25.	6.0	149.7	88.	5.59	0.826
78/ 9/20	1.	25.	11.5	287.1	95.	7.64	0.434
78/11/ 2	1.	25.	2.3	58.6	8.	0.80	0.871

* DETRITUS CONTENT: 0=NONE, 4=HIGH

SIMPSON LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/10/19	1.	70.	4.0	282.5	37.	2.70	0.662
78/ 5/11	1.	25.	3.2	79.2	50.	4.13	0.549
78/ 6/14	1.	25.	9.2	229.2	57.	9.54	0.446
78/ 7/19	1.	25.	12.7	317.5	114.	18.62	0.384
78/ 8/12	1.	25.	19.1	477.7	123.	11.07	0.533
78/ 9/11	1.	25.	11.6	290.7	82.	8.58	0.478
78/10/19	1.	25.	4.5	112.6	42.	4.85	0.655

* DETRITUS CONTENT: 0=NONE, 4=HIGH

STEPHENS LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 5/10	1.	15.	24.2	363.7	422.	14.12	0.718
78/ 6/13	1.	10.	137.9	1379.5	814.	79.37	0.403
78/ 7/17	1.	10.	89.1	890.6	621.	53.99	0.405
78/ 8/14	1.	10.	73.1	730.9	1598.	65.09	0.512
78/ 9/14	1.	10.	119.7	1196.5	1428.	41.91	0.655
78/10/18	1.	10.	130.7	1307.4	1188.	58.68	0.619

* DETRITUS CONTENT: 0=NONE, 4=HIGH

SWAN LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 5/10	1.	25.	12.7	316.5	299.	38.98	0.493
78/ 6/13	1.	25.	63.9	1598.2	647.	53.81	0.479
78/ 7/17	1.	25.	45.4	1134.1	593.	44.36	0.386
78/ 8/14	1.	25.	48.2	1205.0	307.	24.58	0.476
78/ 9/14	1.	25.	54.1	1352.0	479.	20.60	0.595
78/10/18	1.	25.	39.8	996.1	407.	25.39	0.535

* DETRITUS CONTENT: 0=NONE, 4=HIGH

WEARE LAKE
STATION: 1

DATE (YY/MM/DD)	DETRITUS*	HAUL DEPTH(M)	DRY BIOMASS (MG/M**3)	DRY BIOMASS (MG/M**2)	WET BIOMASS (MG/M**3)	ABUNDANCE (#/L)	MEDIAN SIZE (MM)
78/ 5/11	1.	25.	3.5	88.2	14.	2.23	0.409

ALASTAIR LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/ 9
DRY BIOMASS (MG/M**3): 9.0

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	24.	264.	72.	0.	0.	0.
KELLICOTTIA LONGISPINA	2376.	0.	5880.	0.	0.	0.
CYCLOPS SCUTIFER	0.	0.	16728.	1656.	264.	0.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	72.	24.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	24.	0.
FILINIA SP.			---- TRACE ----			
GASTROPUS SP.	0.	1392.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	2400.	1656.	22680.	1728.	312.	0.

TOTAL CRUSTACEA: 19080. TOTAL ZOOPLANKTON: 26376.

ALASTAIR LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/ 9
DRY BIOMASS (MG/M**3): 8.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
ALONA SP.			---- TRACE ----			
BOSMINA LONGISPINA	72.	384.	72.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	96.	24.	0.
HOLOPEDIUM GIBBERUM			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	11064.	2376.	720.	0.
KELLICOTTIA LONGISPINA	4800.	0.	19344.	0.	0.	0.
KERATELLA SP.	24.	240.	0.	0.	0.	0.
ASPLANCHNA SP.	48.	0.	0.	0.	288.	0.
CONOCHILUS UNICORNIS	0.	48.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	24.	0.	0.	0.	0.
GASTROPUS SP.	0.	96.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	4945.	792.	30480.	2472.	1032.	0.

TOTAL CRUSTACEA: 14737. TOTAL ZOOPLANKTON: 34777.

ALASTAIR LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/20
DRY BIOMASS (MG/M**3): 8.3

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	312.	864.	336.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	360.	0.	0.
POLYPHEMUS PEDICULUS			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	7608.	1560.	576.	0.
DIAPTOMUS SP.			---- TRACE ----			
KELLICOTTIA LONGISPINA	1584.	0.	17616.	0.	0.	0.
KERATELLA SP.	0.	24.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	2016.	0.
POMPHOLYX SP.	24.	24.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	720.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	696.	0.	0.	0.	0.
GASTROPUS SP.	0.	72.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1920.	2400.	25560.	1920.	2592.	0.

TOTAL CRUSTACEA: 11304. TOTAL ZOOPLANKTON: 32472.

ALASTAIR LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/12
DRY BIOMASS (MG/M**3): 13.4

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
ALONA SP.			---- TRACE ----			
BOSMINA LONGISPINA	1368.	2136.	96.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	120.	0.	0.	696.	264.	24.
LEPTODORA KINDTII			---- TRACE ----			
HOLOPEDIUM GIBBERUM			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	6468.	1212.	2664.	72.
KELLICOTTIA LONGISPINA	144.	0.	2376.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	2640.	0.
CONOCHILUS UNICORNIS	0.	720.	0.	0.	0.	0.
POMPHOLYX SP.	120.	96.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	240.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1752.	3192.	8940.	1908.	5568.	96.

TOTAL CRUSTACEA: 13633. TOTAL ZOOPLANKTON: 19705.

ALASTAIR LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/13
DRY BIOMASS (MG/M**3): 6.8

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	1728.	4968.	168.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	48.	0.	0.	144.	0.	0.
LEPTODORA KINDTII	0.	0.	0.	0.	0.	1.
HOLOPEDIUM GIBBERUM	48.	0.	0.	72.	24.	0.
EPISCHURA NEVADENSIS			---- TRACE ----			
DIAPTOMUS PRIBILOFENSIS			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	4812.	348.	96.	0.
KELLICOTTIA LONGISPINA	96.	0.	768.	0.	0.	0.
PLEOSOMA SP.	0.	0.	24.	0.	0.	0.
GASTROPUS SP.	0.	72.	0.	0.	0.	0.
POMPHOLYX SP.	96.	48.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	744.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	1608.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	2016.	5832.	5772.	564.	1728.	2.

TOTAL CRUSTACEA: 10634. TOTAL ZOOPLANKTON: 13898.

ALASTAIR LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/17
DRY BIOMASS (MG/M**3): 6.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	1056.	2808.	0.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	120.	0.	0.
HOLOPEDIUM GIBBERUM	168.	0.	0.	96.	48.	0.
CYCLOPS SCUTIFER	0.	0.	6816.	1512.	432.	24.
KELLICOTTIA LONGISPINA	24.	0.	312.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	1632.	0.
CONOCHILUS UNICORNIS	0.	168.	0.	0.	0.	0.
GASTROPUS SP.	0.	768.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1248.	3744.	7128.	1728.	2112.	24.

TOTAL CRUSTACEA: 11856. TOTAL ZOOPLANKTON: 14736.

BEAR LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/10
DRY BIOMASS (MG/M**3): 88.7

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	0.	0.	80.	0.	0.
DAPHNIA GALEATA MENDOTAE	1040.	0.	0.	0.	80.	160.
HOLOPEDIUM GIBBERUM	0.	0.	3040.	480.	0.	0.
LEPTODORA KINDTII			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	560.	2160.	2160.	0.
DIAPTOMUS PRIBILOFENSIS	5840.	0.	21840.	2000.	2000.	160.
CYCLOPS SCUTIFER	36080.	0.	13840.	9760.	6960.	2720.
KELLICOTTIA LONGISPINA	560.	0.	6240.	0.	0.	0.
NAKED ROTIFERS	0.	720.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	880.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	80.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	43520.	1600.	45520.	14480.	11280.	3040.

TOTAL CRUSTACEA: 68000. TOTAL ZOOPLANKTON: 75920.

BEAR LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/14
DRY BIOMASS (MG/M**3): 80.9

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	120.	240.	0.	240.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	0.	120.	0.
HOLOPEDIUM GIBBERUM	2160.	0.	360.	0.	480.	1320.
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	14.
HETEROCOPE SEPTENTRIONALIS	0.	0.	0.	0.	0.	16.
DIAPTOMUS PRIBILOFENSIS	0.	0.	360.	240.	240.	2400.
CYCLOPS SCUTIFER	1800.	0.	7200.	840.	2520.	120.
KELLICOTTIA LONGISPINA	480.	0.	4560.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	3000.	0.	0.	0.	0.
CERATIUM	0.	480.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	4560.	3720.	12480.	1320.	3360.	3870.

TOTAL CRUSTACEA: 16710. TOTAL ZOOPLANKTON: 24750.

BEAR LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/15
DRY BIOMASS (MG/M**3): 88.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	327.	1073.	1913.	1167.	0.	0.
DAPHNIA GALEATA MENDOTAE	327.	0.	47.	280.	373.	280.
HOLOPEDIUM GIBBERUM	93.	0.	0.	187.	47.	0.
LEPTODORA KINDTII			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	13.
DIAPTOMUS PRIBILOFENSIS	1120.	0.	47.	23.	23.	1283.
CYCLOPS SCUTIFER	0.	0.	1283.	723.	3500.	0.
KELLICOTTIA LONGISPINA	187.	0.	5413.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	280.	0.	0.	0.	0.
CERATIUM	0.	233.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	2053.	1587.	8703.	2380.	3943.	1577.

TOTAL CRUSTACEA: 12263. TOTAL ZOOPLANKTON: 18190.

BEAR LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/12
DRY BIOMASS (MG/M**3): 149.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	600.	2040.	2160.	480.	0.	0.
DAPHNIA GALEATA MENDOTAE	960.	0.	0.	3120.	3960.	3720.
HOLOPEDIUM GIBBERUM	960.	0.	0.	0.	720.	120.
LEPTODORA KINDTII			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	0.	60.	60.	47.
DIAPTOMUS PRIBILOFENSIS	4800.	0.	0.	60.	60.	180.
CYCLOPS SCUTIFER	0.	0.	900.	300.	7680.	0.
KELLICOTTIA LONGISPINA	120.	0.	3840.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	3360.	0.	0.	0.	0.
CERATIUM	0.	240.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	7440.	5640.	6900.	4020.	12480.	4068.

TOTAL CRUSTACEA: 25668. TOTAL ZOOPLANKTON: 33108.

BEAR LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 6/10
DRY BIOMASS (MG/M**3): 51.4

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	672.	144.	48.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	96.	0.	48.	240.	144.	48.
HOLOPEDIUM GIBBERUM	0.	0.	480.	528.	96.	0.
EPISCHURA NEVADENSIS	0.	0.	48.	48.	48.	0.
DIAPTOMUS PRIBILOFENSIS	0.	0.	4608.	2232.	2232.	192.
CYCLOPS SCUTIFER	47184.	0.	5328.	3696.	1776.	2496.
KELLICOTTIA LONGISPINA	1344.	0.	3552.	0.	0.	0.
NAKED ROTIFERS	0.	288.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	576.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	49296.	1008.	14112.	6744.	4296.	2736.

TOTAL CRUSTACEA: 24480. TOTAL ZOOPLANKTON: 28896.

BEAR LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 7/14
DRY BIOMASS (MG/M**3): 86.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	48.	48.	0.	0.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	0.	48.	0.
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	2.
HETEROCOPE SEPTENTRIONALIS	0.	0.	0.	0.	0.	35.
DIAPTOMUS PRIBILOFENSIS	1152.	0.	192.	216.	216.	2616.
CYCLOPS SCUTIFER	1728.	0.	11328.	720.	8160.	96.
KELLICOTTIA LONGISPINA	816.	0.	6960.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	96.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	3696.	144.	18528.	936.	8424.	2749.

TOTAL CRUSTACEA: 23725. TOTAL ZOOPLANKTON: 30781.

BEAR LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 8/15
DRY BIOMASS (MG/M**3): 92.3

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	192.	480.	864.	480.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	288.	96.	0.
POLYPHEMUS PEDICULUS			---- TRACE ----			
HOLOPEDIUM GIBBERUM	0.	0.	0.	48.	0.	0.
D.APHANOSOMA SP.			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	16.
HETEROCOPE SEPTENTRIONALIS	0.	0.	0.	0.	0.	40.
DIAPTOMUS PRIBILOFENSIS	2544.	0.	48.	48.	48.	1296.
CYCLOPS SCUTIFER	0.	0.	10944.	480.	5952.	288.
KELLICOTTIA LONGISPINA	528.	0.	5184.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	2208.	0.	0.	0.	0.
CERATIUM	0.	48.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	3264.	2736.	17040.	1344.	6096.	1640.

TOTAL CRUSTACEA: 21416. TOTAL ZOOPLANKTON: 28856.

BEAR LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 9/12
DRY BIOMASS (MG/M**3): 52.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	48.	288.	144.	144.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	144.	48.	0.
POLYPHEMUS PEDICULUS			---- TRACE ----			
EPISCHURA NEVADENSIS			---- TRACE ----			
HETEROCOPE SEPTENTRIONALIS	0.	0.	0.	0.	0.	4.
DIAPTOMUS PRIBILOFENSIS	3072.	0.	48.	0.	0.	432.
CYCLOPS SCUTIFER	0.	0.	10872.	168.	8112.	0.
KELLICOTTIA LONGISPINA	192.	0.	1536.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	1344.	0.	0.	0.	0.
CERATIUM	0.	48.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	3312.	1680.	12600.	456.	8160.	437.

TOTAL CRUSTACEA: 20405. TOTAL ZOOPLANKTON: 23333.

FRED WRIGHT LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/13
DRY BIOMASS (MG/M**3): 27.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	384.	576.	528.	144.	0.	0.
DAPHNIA GALEATA MENDOTAE	48.	0.	96.	384.	48.	0.
HOLOPEDIUM GIBBERUM	192.	0.	0.	0.	48.	0.
CYCLOPS SCUTIFER	26544.	0.	9048.	3192.	3456.	4512.
CYCLOPS CAPILLATUS			---- TRACE ----			
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
ASPLANCHNA SP.	0.	0.	0.	0.	96.	0.
CONOCHILUS UNICORNIS	0.	288.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	1152.	0.	2784.	0.	0.	0.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	28320.	864.	12456.	3720.	3648.	4512.

TOTAL CRUSTACEA: 22032. TOTAL ZOOPLANKTON: 25200.

FRED WRIGHT LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/15
DRY BIOMASS (MG/M**3): 74.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	672.	3936.	5952.	2304.	0.	0.
POLYPHEMUS PEDICULUS			---- TRACE ----			
DAPHNIA GALEATA MENDOTAE	4608.	0.	96.	1824.	2304.	768.
HOLOPEDIUM GIBBERUM	864.	0.	0.	1536.	1344.	96.
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	31392.	0.	6288.	4560.	2880.	2400.
CONOCHILUS UNICORNIS	0.	7488.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	768.	0.	4608.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	38304.	11424.	16944.	10224.	6528.	3264.

TOTAL CRUSTACEA: 36288. TOTAL ZOOPLANKTON: 48384.

FRED WRIGHT LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/15
DRY BIOMASS (MG/M**3): 43.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	480.	480.	3360.	1920.	0.	0.
POLYPHEMUS PEDICULUS			---- TRACE ----			
DAPHNIA GALEATA MENDOTAE	1632.	0.	0.	2592.	3744.	1344.
HOLOPEDIUM GIBBERUM	0.	0.	0.	480.	192.	0.
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	11040.	0.	13824.	1248.	2016.	768.
CONOCHILUS UNICORNIS	0.	4224.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	768.	0.	7104.	0.	0.	0.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	13920.	4704.	24288.	6240.	5952.	2112.

TOTAL CRUSTACEA: 31968. TOTAL ZOOPLANKTON: 43296.

FRED WRIGHT LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/14
DRY BIOMASS (MG/M**3): 13.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	120.	432.	312.	72.	0.	0.
DAPHNIA GALEATA MENDOTAE	648.	0.	0.	72.	312.	72.
HOLOPEDIUM GIBBERUM	0.	0.	0.	24.	0.	0.
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	144.	0.	12288.	168.	2688.	384.
KELLICOTTIA LONGISPINA	48.	0.	3504.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	10560.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	72.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	384.	0.
CERATIUM	0.	24.	0.	0.	0.	0.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	960.	11088.	16104.	336.	3384.	456.

TOTAL CRUSTACEA: 16824. TOTAL ZOOPLANKTON: 31368.

FRED WRIGHT LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/18
DRY BIOMASS (MG/M**3): 18.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	416.	256.	544.	128.	0.	0.
DAPHNIA GALEATA MENDOTAE	32.	0.	64.	608.	416.	0.
HOLOPEDIUM GIBBERUM	0.	0.	64.	160.	32.	0.
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	35472.	80.	960.	128.
KELLICOTTIA LONGISPINA	128.	0.	1472.	0.	0.	0.
POMPHOLYX SP.	160.	160.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	6976.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	736.	7392.	37616.	976.	1408.	128.

TOTAL CRUSTACEA: 38912. TOTAL ZOOPLANKTON: 47520.

GAMBLE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/11
DRY BIOMASS (MG/M**3): 12.4

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	96.	144.	176.	0.	0.	0.
DAPHNIA SP.	128.	0.	32.	48.	304.	0.
HOLOPEDIUM GIBBERUM	0.	0.	80.	0.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS OREGONENSIS	2800.	96.	0.	16.	224.	1200.
CYCLOPS SP.	0.	1472.	40.	40.	544.	0.
KELLICOTTIA LONGISPINA	48.	0.	464.	0.	0.	0.
KERATELLA SP.	0.	16.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	16.	0.
CONOCHILUS UNICORNIS	0.	144.	0.	0.	0.	0.
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	3072.	1872.	792.	104.	1088.	1200.

TOTAL CRUSTACEA: 4416. TOTAL ZOOPLANKTON: 5056.

KITLOPE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/ 9
DRY BIOMASS (MG/M**3): 3.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	8.	96.	32.	24.	0.	0.
KELLICOTTIA LONGISPINA	16.	0.	48.	0.	0.	0.
CYCLOPS VERNALIS	8.	0.	120.	0.	0.	8.
CYCLOPS BICUSPIDATUS	0.	144.	44.	44.	16.	0.
GASTROPUS SP.	0.	80.	0.	0.	0.	0.
ALONA SP.			---- TRACE ----			
KERATELLA SP.	0.	8.	0.	0.	0.	0.
DETRITUS	2.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	32.	328.	244.	68.	16.	8.

TOTAL CRUSTACEA: 528. TOTAL ZOOPLANKTON: 664.

KITLOPE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/ 6
DRY BIOMASS (MG/M**3): 1.8

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
ALONA SP.			---- TRACE ----			
BOSMINA LONGISPINA	9.	10.	18.	5.	0.	0.
KELLICOTTIA LONGISPINA			---- TRACE ----			
CYCLOPS SP.	0.	0.	1.	1.	0.	0.
CYCLOPS VERNALIS	0.	0.	2.	2.	1.	0.
CONOCHILUS UNICORNIS	0.	75.	0.	0.	0.	0.
DIAPTOMUS SP.	0.	2.	0.	0.	0.	0.
GASTROPUS SP.	0.	11.	0.	0.	0.	0.
HARPACTICOID			---- TRACE ----			
CHAETOGASTER			---- TRACE ----			
DETRITUS	3.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	9.	98.	21.	8.	2.	0.

TOTAL CRUSTACEA: 43. TOTAL ZOOPLANKTON: 129.

KITLOPE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/20
DRY BIOMASS (MG/M**3): 3.0

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	12.	120.	84.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	1.	1.	0.
POLYPHEMUS PEDICULUS	0.	0.	0.	1.	0.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	0.	3.	0.
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS OREGONENSIS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	204.	192.	180.	3.
KELLICOTTIA LONGISPINA	0.	0.	84.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	300.	0.
MITES			---- TRACE ----			
DETRITUS	2.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	12.	120.	372.	194.	484.	3.

TOTAL CRUSTACEA: 788. TOTAL ZOOPLANKTON: 1172.

KITLOPE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/10
DRY BIOMASS (MG/M**3): 1.8

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
ALONA SP.	0.	0.	1.	0.	0.	0.
BOSMINA LONGISPINA	4.	23.	30.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	1.	0.	0.	2.
CYCLOPS SP.	0.	0.	1.	1.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
KELLICOTTIA LONGISPINA			---- TRACE ----			
FILINIA SP.			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	3.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	4.	23.	33.	2.	0.	2.

TOTAL CRUSTACEA: 59. TOTAL ZOOPLANKTON: 60.

KITLOPE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/13
DRY BIOMASS (MG/M**3): 2.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	72.	350.	187.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	5.	14.	0.
POLYPHEMUS PEDICULUS	0.	0.	0.	0.	5.	0.
HOLOPEDIUM GIBBERUM	10.	0.	5.	19.	5.	0.
CYCLOPS VERNALIS	0.	0.	65.	41.	72.	4.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
KELLICOTTIA LONGISPINA	0.	0.	24.	0.	0.	0.
GASTROPUS SP.	0.	10.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	2.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	82.	360.	281.	65.	96.	4.

TOTAL CRUSTACEA: 772. TOTAL ZOOPLANKTON: 805.

KITLOPE LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/17
DRY BIOMASS (MG/M**3): 1.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	36.	164.	33.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	3.	1.	0.
HOLOPEDIUM GIBBERUM	3.	0.	0.	0.	1.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	51.	20.	26.	1.
CYCLOPS BICUSPIDATUS	0.	0.	2.	2.	0.	0.
PLEOSOMA SP.			---- TRACE ----			
GASTROPUS SP.	0.	4.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	15.	0.	0.	0.
KERATELLA SP.	0.	1.	0.	0.	0.	0.
ASPLANCHNA SP.			---- TRACE ----			
CONOCHILUS UNICORNIS	0.	3.	0.	0.	0.	0.
DETRITUS	2.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	38.	172.	102.	25.	28.	1.

TOTAL CRUSTACEA: 304. TOTAL ZOOPLANKTON: 327.

LONG LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 1/17
DRY BIOMASS (MG/M**3): 3.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
CYCLOPS VERNALIS	0.	0.	845.	13.	179.	77.
CYCLOPS BICUSPIDATUS	0.	512.	0.	0.	26.	0.
DIAPTOMUS KENAI	0.	0.	410.	186.	186.	134.
DIAPTOMUS OREGONENSIS	0.	13.	0.	0.	0.	0.
BOSMINA LONGISPINA	64.	128.	0.	0.	0.	0.
DAPHNIA AMBIGUA	51.	0.	0.	51.	230.	0.
GASTROPUS SP.	0.	102.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	256.	0.	0.	0.
KERATELLA SP.	0.	26.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	2.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	115.	781.	1510.	250.	621.	211.

TOTAL CRUSTACEA: 2989. TOTAL ZOOPLANKTON: 3373.

LONG LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 2/21
DRY BIOMASS (MG/M**3): 5.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
CYCLOPS BICUSPIDATUS	0.	240.	12.	12.	32.	0.
CYCLOPS VERNALIS	0.	0.	92.	0.	4.	0.
DIAPTOMUS OREGONENSIS	0.	4.	0.	8.	4.	0.
DIAPTOMUS KENAI	0.	0.	8.	4.	4.	2.
BOSMINA LONGISPINA	0.	8.	4.	0.	0.	0.
DAPHNIA AMBIGUA	0.	0.	0.	12.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	252.	116.	36.	44.	2.

TOTAL CRUSTACEA: 450. TOTAL ZOOPLANKTON: 450.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 1/17
DRY BIOMASS (MG/M**3): 2.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
CYCLOPS BICUSPIDATUS	0.	960.	12.	12.	120.	0.
DIAPTOMUS OREGONENSIS	180.	60.	0.	84.	24.	48.
BOSMINA LONGISPINA	144.	384.	144.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	108.	0.	0.	0.
KERATELLA SP.	0.	12.	0.	0.	0.	0.
CERATIUM	0.	12.	0.	0.	0.	0.
GASTROPUS SP.	0.	48.	0.	0.	0.	0.
CYCLOPS VERNALIS	10.	0.	0.	0.	22.	8.
DAPHNIA AMBIGUA	0.	0.	0.	0.	6.	0.
DIAPTOMUS KENAI	0.	0.	0.	7.	7.	13.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	334.	1476.	264.	103.	180.	70.

TOTAL CRUSTACEA: 1913. TOTAL ZOOPLANKTON: 2093.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 2/21
DRY BIOMASS (MG/M**3): 6.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DAPHNIA LONGIREMIS	4.	0.	0.	8.	0.	0.
CYCLOPS BICUSPIDATUS	0.	192.	20.	20.	20.	0.
CYCLOPS VERNALIS	0.	0.	72.	0.	0.	0.
BOSMINA LONGISPINA	0.	4.	0.	0.	0.	0.
DIAPTOMUS OREGONENSIS	0.	4.	0.	0.	0.	0.
DIAPTOMUS KENAI	0.	0.	36.	20.	20.	24.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	4.	200.	128.	48.	40.	24.

TOTAL CRUSTACEA: 440. TOTAL ZOOPLANKTON: 440.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 4/ 3
DRY BIOMASS (MG/M**3): 1.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DAPHNIA AMBIGUA	5.	0.	5.	10.	10.	0.
HOLOPEDIUM GIBBERUM			---- TRACE ----			
CYCLOPS VERNALIS	68.	0.	151.	0.	0.	0.
CYCLOPS BICUSPIDATUS	0.	166.	5.	5.	5.	0.
DIAPTOMUS OREGONENSIS	99.	276.	0.	0.	0.	3.
DIAPTOMUS KENAI	0.	0.	5.	10.	10.	18.
BOSMINA LONGISPINA	0.	10.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	172.	452.	166.	26.	26.	22.

TOTAL CRUSTACEA: 692. TOTAL ZOOPLANKTON: 692.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 5/ 9
DRY BIOMASS (MG/M**3): 2.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
EPISCHURA NEVADENSIS	0.	0.	84.	78.	114.	36.
DIAPTOMUS KENAI	18.	0.	78.	0.	0.	0.
CYCLOPS VERNALIS	0.	0.	57.	9.	0.	0.
BOSMINA LONGISPINA	6.	12.	0.	0.	0.	0.
HOLOPEDIUM GIBBERUM			---- TRACE ----			
DIAPTOMUS OREGONENSIS			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DAPHNIA AMBIGUA			---- TRACE ----			
CONOCHILUS UNICORNIS	0.	18.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	24.	30.	219.	87.	114.	36.

TOTAL CRUSTACEA: 469. TOTAL ZOOPLANKTON: 487.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 6/14
DRY BIOMASS (MG/M**3): 1.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS OREGONENSIS	0.	144.	0.	18.	6.	6.
EPISCHURA NEVADENSIS	0.	0.	6.	9.	12.	17.
CYCLOPS VERNALIS	0.	0.	600.	12.	18.	0.
HOLOPEDIUM GIBBERUM	0.	0.	42.	0.	0.	0.
DAPHNIA AMBIGUA	0.	0.	6.	6.	6.	0.
BOSMINA LONGISPINA	120.	84.	60.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	114.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	936.	0.
CONOCHILUS UNICORNIS	0.	204.	0.	0.	0.	0.
GASTROPUS SP.	0.	30.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	122.	462.	828.	45.	978.	24.

TOTAL CRUSTACEA: 1053. TOTAL ZOOPLANKTON: 2337.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 7/18
DRY BIOMASS (MG/M**3): 1.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	132.	204.	36.	6.	0.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	6.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	294.	60.	66.	20.
CYCLOPS BICUSPIDATUS	0.	12.	0.	0.	0.	0.
CYCLOPS VERNALIS	0.	0.	48.	12.	6.	1.
CONOCHILUS UNICORNIS	0.	36.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	48.	0.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	132.	252.	378.	84.	120.	20.

TOTAL CRUSTACEA: 770. TOTAL ZOOPLANKTON: 854.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 8/23
DRY BIOMASS (MG/M**3): 4.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	512.	800.	16.	0.	0.	0.
DAPHNIA AMBIGUA			---- TRACE ----			
SIDA CRYSTALLINA	16.	0.	0.	16.	0.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	16.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	64.	56.	136.	240.
CYCLOPS VERNALIS	0.	0.	440.	8.	0.	880.
DIAPTOMUS OREGONENSIS	0.	48.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	48.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	400.	0.
KELLICOTTIA LONGISPINA	0.	0.	48.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	528.	896.	568.	96.	536.	1120.

TOTAL CRUSTACEA: 2720. TOTAL ZOOPLANKTON: 3216.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 9/19
DRY BIOMASS (MG/M**3): 9.4

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	1728.	6384.	216.	0.	0.	0.
SIDA CRYSTALLINA			---- TRACE ----			
DAPHNIA AMBIGUA			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	96.	12.	36.	120.
CYCLOPS VERNALIS	0.	0.	408.	0.	24.	5.
CONOCHILUS UNICORNIS	0.	24.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	2232.	0.
KELLICOTTIA LONGISPINA	24.	0.	24.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1752.	6408.	744.	12.	2292.	125.

TOTAL CRUSTACEA: 7302. TOTAL ZOOPLANKTON: 9582.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/11/ 1
DRY BIOMASS (MG/M**3): 21.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	4608.	20592.	1680.	0.	0.	0.
DAPHNIA AMBIGUA	0.	0.	0.	48.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	48.	0.	24.	168.
DIAPTOMUS KENAI	1392.	0.	192.	0.	0.	24.
CYCLOPS VERNALIS	0.	0.	360.	24.	0.	144.
CONOCHILUS UNICORNIS	0.	48.	0.	0.	0.	0.
ASPLANCHNA SP.	48.	0.	0.	0.	96.	0.
CHIRONOMID LARVAE			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	6048.	20640.	2280.	72.	120.	336.

TOTAL CRUSTACEA: 23304. TOTAL ZOOPLANKTON: 23448.

LONG LAKE
STATION: 2
DATE (YY/MM/DD): 78/11/29
DRY BIOMASS (MG/M**3): 8.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
CYCLOPS VERNALIS	40.	0.	588.	28.	16.	8.
DIAPTOMUS KENAI	164.	0.	0.	14.	14.	14.
EPISCHURA NEVADENSIS	0.	0.	0.	4.	6.	58.
DAPHNIA LONGIREMIS	24.	0.	0.	0.	4.	4.
BOSMINA LONGISPINA	24.	2760.	3608.	56.	0.	0.
CONOCHILUS UNICORNIS	0.	48.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	64.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	252.	2808.	4196.	102.	104.	84.

TOTAL CRUSTACEA: 7182. TOTAL ZOOPLANKTON: 7294.

LONG LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 4/ 3
DRY BIOMASS (MG/M**3): 1.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
EPISCHURA NEVADENSIS			---- TRACE ----			
DIAPTOMUS OREGONENSIS	0.	990.	0.	0.	0.	2.
DIAPTOMUS KENAI	0.	0.	42.	6.	6.	24.
CYCLOPS BICUSPIDATUS	0.	96.	9.	9.	0.	0.
CYCLOPS VERNALIS	0.	0.	150.	24.	12.	1.
BOSMINA LONGISPINA	6.	12.	24.	0.	0.	0.
DAPHNIA AMBIGUA	0.	0.	0.	0.	12.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	6.	1098.	225.	39.	30.	26.

TOTAL CRUSTACEA: 1419. TOTAL ZOOPLANKTON: 1419.

LONG LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 5/ 9
DRY BIOMASS (MG/M**3): 8.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
HOLOPEDIUM GIBBERUM	0.	0.	72.	36.	0.	0.
CLAMS			---- TRACE ----			
BOSMINA LONGISPINA	0.	24.	12.	0.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	264.	342.	888.	630.
DIAPTOMUS KENAI	0.	0.	24.	0.	0.	6.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
ASPLANCHNA SP.	0.	0.	0.	0.	72.	0.
DAPHNIA AMBIGUA			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	42.	6.	0.	0.
CONOCHILUS UNICORNIS	0.	36.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	60.	414.	384.	960.	636.

TOTAL CRUSTACEA: 2346. TOTAL ZOOPLANKTON: 2454.

LONG LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 6/14
DRY BIOMASS (MG/M**3): 14.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DIAPTOMUS KENAI	0.	0.	12.	0.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	348.	48.	114.	330.
CYCLOPS VERNALIS	0.	0.	222.	138.	180.	60.
HOLOPEDIUM GIBBERUM	0.	0.	12.	0.	0.	0.
DAPHNIA AMBIGUA	84.	0.	12.	120.	72.	0.
HOLOPEDIUM GIBBERUM	72.	0.	24.	48.	24.	0.
CONOCHILUS UNICORNIS	0.	60.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	288.	0.
KELLICOTTIA LONGISPINA	0.	0.	60.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	156.	60.	690.	354.	678.	390.

TOTAL CRUSTACEA: 1764. TOTAL ZOOPLANKTON: 2172.

LONG LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 7/18
DRY BIOMASS (MG/M**3): 10.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
CYCLOPS BICUSPIDATUS	0.	12.	24.	24.	72.	0.
CYCLOPS VERNALIS	0.	0.	90.	90.	180.	5.
EPISCHURA NEVADENSIS	0.	0.	1296.	84.	114.	52.
DIAPTOMUS OREGONENSIS	0.	84.	0.	24.	0.	0.
SIDA CRYSTALLINA	0.	0.	12.	24.	0.	0.
HOLOPEDIUM GIBBERUM			---- TRACE ----			
BOSMINA LONGISPINA	12.	228.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	24.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	120.	0.
KELLICOTTIA LONGISPINA	0.	0.	24.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	2.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	12.	348.	1446.	246.	486.	58.

TOTAL CRUSTACEA: 2416. TOTAL ZOOPLANKTON: 2584.

LONG LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 8/23
DRY BIOMASS (MG/M**3): 1.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
ALONA SP.			---- TRACE ----			
BOSMINA LONGISPINA	150.	384.	0.	0.	0.	0.
DAPHNIA AMBIGUA	24.	0.	0.	12.	120.	18.
SIDA CRYSTALLINA			---- TRACE ----			
HOLOPEDIUM GIBBERUM	6.	0.	0.	6.	0.	0.
CYCLOPS VERNALIS	0.	0.	9.	9.	108.	1.
EPISCHURA NEVADENSIS	0.	0.	102.	3.	6.	11.
ASPLANCHNA SP.	0.	0.	0.	0.	108.	0.
KELLICOTTIA LONGISPINA	0.	0.	36.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	2.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	180.	384.	147.	30.	342.	30.

TOTAL CRUSTACEA: 789. TOTAL ZOOPLANKTON: 933.

LONG LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 9/19
DRY BIOMASS (MG/M**3): 21.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	6336.	13656.	1056.	0.	0.	0.
DAPHNIA AMBIGUA	0.	0.	0.	144.	96.	0.
SCAPHOLEBRIS KINGI			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	0.	0.	168.	2.
EPISCHURA NEVADENSIS	0.	0.	48.	96.	132.	300.
DIAPTOMUS OREGONENSIS	0.	0.	0.	0.	0.	24.
DIAPTOMUS KENAI	0.	0.	24.	0.	0.	12.
ASPLANCHNA SP.	0.	0.	0.	0.	4992.	0.
KELLICOTTIA LONGISPINA	0.	0.	48.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
CERATIUM	0.	96.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	6336.	13752.	1176.	240.	5388.	338.

TOTAL CRUSTACEA: 15758. TOTAL ZOOPLANKTON: 20894.

LONG LAKE
STATION: 3
DATE (YY/MM/DD): 78/11/ 1
DRY BIOMASS (MG/M**3): 13.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	1008.	6528.	1008.	0.	0.	0.
DAPHNIA AMBIGUA	48.	0.	0.	48.	0.	0.
CYCLOPS VERNALIS	432.	0.	0.	0.	192.	96.
MACROCYCLOPS ALBIDUS			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	48.	0.	24.	120.
CONOCHILUS UNICORNIS	0.	192.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1488.	6720.	1056.	48.	216.	216.

TOTAL CRUSTACEA: 8064. TOTAL ZOOPLANKTON: 8256.

LONG LAKE
STATION: 3
DATE (YY/MM/DD): 78/11/29
DRY BIOMASS (MG/M**3): 12.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
CYCLOPS VERNALIS	16.	0.	20.	12.	56.	64.
DIAPTOMUS KENAI	4.	0.	12.	6.	6.	10.
EPISCHURA NEVADENSIS	0.	0.	0.	6.	6.	4.
BOSMINA LONGISPINA	8.	1624.	2192.	232.	0.	0.
DAPHNIA LONGIREMIS	20.	0.	12.	4.	48.	12.
ASPLANCHNA SP.			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	3.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	48.	1624.	2236.	260.	116.	90.

TOTAL CRUSTACEA: 4326. TOTAL ZOOPLANKTON: 4326.

LOWE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/11
DRY BIOMASS (MG/M**3): 2.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	72.	48.	0.	0.	0.
DAPHNIA LONGIREMIS	6.	0.	0.	4.	9.	0.
HOLOPEDIUM GIBBERUM	0.	0.	96.	0.	48.	0.
POLYPHEMUS PEDICULUS			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	0.	12.	12.	0.
CYCLOPS VERNALIS	0.	0.	132.	12.	24.	2.
DIAPTOMUS KENAI	0.	0.	120.	0.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
KELLICOTTIA LONGISPINA	24.	0.	24.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	96.	0.	0.	0.	0.
GASTROPUS SP.	0.	24.	0.	0.	0.	0.
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	30.	192.	420.	29.	93.	2.

TOTAL CRUSTACEA: 592. TOTAL ZOOPLANKTON: 736.

LOWE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/14
DRY BIOMASS (MG/M**3): 8.8

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	24.	360.	144.	0.	0.	0.
DAPHNIA LONGIREMIS	24.	0.	24.	48.	24.	0.
POLYPHEMUS PEDICULUS	0.	0.	0.	5.	0.	0.
HOLOPEDIUM GIBBERUM	144.	0.	72.	408.	432.	24.
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	120.	120.	120.	0.
CYCLOPS VERNALIS	0.	0.	72.	0.	24.	14.
KELLICOTTIA LONGISPINA	72.	0.	552.	0.	0.	0.
GASTROPUS SP.	0.	24.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	480.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	24.	0.
KERATELLA SP.	0.	216.	0.	0.	0.	0.
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	264.	1080.	984.	581.	624.	38.

TOTAL CRUSTACEA: 2012. TOTAL ZOOPLANKTON: 3308.

LOWE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/19
DRY BIOMASS (MG/M**3): 12.8

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
ALONA SP.			---- TRACE ----			
BOSMINA LONGISPINA	240.	3240.	1416.	48.	0.	0.
DAPHNIA LONGIREMIS	0.	0.	0.	0.	48.	0.
POLYPHEMUS PEDICULUS	0.	0.	3.	20.	0.	0.
HOLOPEDIUM GIBBERUM	24.	0.	48.	216.	960.	72.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS OREGONENSIS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	132.	84.	0.	14.
KERATELLA SP.	0.	144.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	24.	0.	528.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	15888.	0.	0.	0.	0.
GASTROPUS SP.	0.	24.	0.	0.	0.	0.
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	288.	19296.	2127.	368.	1008.	87.

TOTAL CRUSTACEA: 6302. TOTAL ZOOPLANKTON: 22886.

LOWE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/12
DRY BIOMASS (MG/M**3): 8.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
SCAPHOLEBRIS KINGI			---- TRACE ----			
BOSMINA LONGISPINA	864.	4248.	1632.	168.	0.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	168.	24.	0.
POLYPHEMUS PEDICULUS	0.	0.	0.	6.	5.	0.
DAPHNIA LONGIREMIS	0.	0.	0.	24.	72.	24.
EPISCHURA NEVADENSIS			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS OREGONENSIS	0.	0.	0.	24.	48.	1.
CYCLOPS BICUSPIDATUS	0.	192.	36.	36.	55.	0.
MACROCYCLOPS ALBIDUS			---- TRACE ----			
CONOCHILUS UNICORNIS	0.	240.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	24.	0.	456.	0.	0.	0.
KERATELLA SP.	0.	24.	0.	0.	0.	0.
CHAOBORUS			---- TRACE ----			
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	888.	4704.	2124.	426.	204.	25.

TOTAL CRUSTACEA: 6763.

TOTAL ZOOPLANKTON: 7483.

LOWE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/11
DRY BIOMASS (MG/M**3): 14.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	168.	2160.	1392.	0.	0.	0.
DAPHNIA LONGIREMIS	5.	0.	0.	3.	10.	0.
POLYPHEMUS PEDICULUS	0.	0.	0.	24.	48.	0.
HOLOPEDIUM GIBBERUM	9.	0.	0.	6.	12.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS OREGONENSIS	0.	48.	0.	0.	0.	13.
CYCLOPS VERNALIS	0.	0.	288.	0.	72.	18.
CYCLOPS CAPILLATUS			---- TRACE ----			
KERATELLA SP.	0.	216.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	120.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	24.	0.	0.	0.	0.
GASTROPUS SP.	0.	264.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	48.	0.
CONOCHILUS UNICORNIS	0.	360.	0.	0.	0.	0.
CHAOBORUS			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	181.	3072.	1800.	33.	190.	32.

TOTAL CRUSTACEA: 4095.

TOTAL ZOOPLANKTON: 5127.

LOWE LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/19
DRY BIOMASS (MG/M**3): 1.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	480.	816.	1008.	144.	0.	0.
DAPHNIA LONGIREMIS	24.	0.	0.	24.	120.	0.
POLYPHEMUS PEDICULUS	2.	0.	0.	4.	3.	1.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS OREGONENSIS	0.	48.	0.	0.	0.	120.
CYCLOPS VERNALIS	0.	0.	660.	60.	96.	5.
PLEOSOMA SP.	0.	0.	48.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	24.	0.	0.	0.	0.
GASTROPUS SP.	0.	648.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	96.	0.
CONOCHILUS UNICORNIS	0.	72.	0.	0.	0.	0.
KERATELLA SP.	0.	48.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	48.	0.	0.	0.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	506.	1656.	1764.	232.	315.	125.

TOTAL CRUSTACEA: 3108. TOTAL ZOOPLANKTON: 4092.

MEZIADIN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/12
DRY BIOMASS (MG/M**3): 10.3

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA			---- TRACE ----			
DAPHNIA THORATA	0.	0.	0.	96.	0.	0.
CYCLOPS SCUTIFER	0.	0.	9816.	2232.	2256.	384.
GASTROPUS SP.	0.	288.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	48.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	528.	0.	1440.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	528.	336.	11256.	2328.	2256.	384.

TOTAL CRUSTACEA: 14784. TOTAL ZOOPLANKTON: 16560.

MEZIADIN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/11
DRY BIOMASS (MG/M**3): 31.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA			---- TRACE ----			
DAPHNIA THORATA	2544.	0.	144.	1920.	1248.	384.
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	10104.	1992.	2640.	2640.
GASTROPUS SP.	0.	288.	0.	0.	0.	0.
POLYARTHA SP.	0.	48.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	240.	0.
KELLICOTTIA LONGISPINA	1152.	0.	4128.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	3696.	336.	14376.	3912.	4128.	3024.

TOTAL CRUSTACEA: 21073. TOTAL ZOOPLANKTON: 25777.

MEZIADIN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/17
DRY BIOMASS (MG/M**3): 45.8

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	96.	240.	192.	0.	0.	0.
DAPHNIA THORATA	192.	0.	48.	1920.	6096.	864.
CYCLOPS SCUTIFER	0.	0.	13968.	2736.	1200.	672.
DIAPTOMUS TYRELLI			---- TRACE ----			
GASTROPUS SP.	0.	1008.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	768.	0.	0.	0.	0.
POLYARTHA SP.	0.	48.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	48.	0.
CONOCHILUS UNICORNIS	0.	6816.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	240.	0.	7488.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	528.	8880.	21696.	4656.	7344.	1536.

TOTAL CRUSTACEA: 27936. TOTAL ZOOPLANKTON: 44112.

MEZIADIN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/13
DRY BIOMASS (MG/M**3): 23.8

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	48.	48.	0.	0.	0.
DAPHNIA THORATA	0.	0.	0.	816.	288.	96.
ALONA SP.			---- TRACE ----			
POLYPHEMUS PEDICULUS			---- TRACE ----			
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	2208.	0.	16608.	4512.	2400.	1296.
GASTROPUS SP.	0.	480.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	144.	0.	0.	0.	0.
POLYARTHA SP.	0.	384.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	336.	0.
CONOCHILUS UNICORNIS	0.	48.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	96.	0.	2736.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	2304.	1104.	19392.	5328.	3024.	1392.

TOTAL CRUSTACEA: 26112. TOTAL ZOOPLANKTON: 30240.

MEZIADIN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/10
DRY BIOMASS (MG/M**3): 23.3

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	96.	0.	0.	0.	0.
DAPHNIA THORATA	192.	0.	0.	768.	816.	48.
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	1248.	0.	8520.	2664.	2160.	624.
GASTROPUS SP.	0.	1200.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	96.	0.	0.	0.	0.
KERATELLA SP.	0.	48.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	528.	0.	0.	0.
CERATIUM	0.	48.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1440.	1488.	9048.	3432.	2976.	672.

TOTAL CRUSTACEA: 15696. TOTAL ZOOPLANKTON: 17616.

MEZIADIN LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/18
DRY BIOMASS (MG/M**3): 17.8

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	32.	96.	0.	0.	0.
DAPHNIA THORATA	0.	0.	0.	160.	64.	0.
DIAPTOMUS TYRELLI			---- TRACE ----			
DIAPTOMUS SP.			---- TRACE ----			
CYCLOPS SCUTIFER	32.	0.	4336.	1072.	6400.	96.
GASTROPUS SP.	0.	192.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	32.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	128.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	32.	256.	4560.	1232.	6464.	97.

TOTAL CRUSTACEA: 12257. TOTAL ZOOPLANKTON: 12609.

MEZIADIN LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 5/12
DRY BIOMASS (MG/M**3): 21.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	27600.	3840.	7680.	528.
DAPHNIA THORATA	0.	0.	0.	144.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	48.	0.
KELLICOTTIA LONGISPINA	144.	0.	864.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	144.	0.	28464.	3984.	7728.	528.

TOTAL CRUSTACEA: 39792. TOTAL ZOOPLANKTON: 40704.

MEZIADIN LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 6/11
DRY BIOMASS (MG/M**3): 19.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA			---- TRACE ----			
DAPHNIA THORATA	240.	0.	48.	0.	48.	0.
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	22344.	2568.	4128.	2736.
NAKED ROTIFERS	0.	768.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	48.	0.
KELLICOTTIA LONGISPINA	192.	0.	816.	0.	0.	0.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	432.	768.	23208.	2568.	4224.	2736.

TOTAL CRUSTACEA: 31872. TOTAL ZOOPLANKTON: 33504.

MEZIADIN LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 7/17
DRY BIOMASS (MG/M**3): 48.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	2496.	0.	21888.	9024.	3936.	1920.
DIAPTOMUS TYRELLI			---- TRACE ----			
ASPLANCHNA SP.	0.	0.	0.	0.	96.	0.
CONOCHILUS UNICORNIS	0.	5952.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	192.	0.	14016.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	2688.	5952.	35904.	9024.	4032.	1920.

TOTAL CRUSTACEA: 36768. TOTAL ZOOPLANKTON: 56832.

MEZIADIN LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 8/13
DRY BIOMASS (MG/M**3): 16.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	1248.	0.	14256.	3120.	720.	384.
DAPHNIA THORATA	336.	0.	96.	576.	1200.	1104.
POLYARTHA SP.	0.	96.	0.	0.	0.	0.
GASTROPUS SP.	0.	528.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	48.	0.	1584.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1632.	624.	15936.	3696.	1920.	1488.

TOTAL CRUSTACEA: 21456. TOTAL ZOOPLANKTON: 23664.

MEZIADIN LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 9/10
DRY BIOMASS (MG/M**3): 14.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA			---- TRACE ----			
DAPHNIA THORATA	0.	0.	0.	576.	48.	0.
CYCLOPS SCUTIFER	0.	0.	6456.	3432.	2016.	288.
DIAPTOMUS TYRELLI			---- TRACE ----			
GASTROPUS SP.	0.	2064.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	192.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	384.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	2256.	6840.	4008.	2064.	288.

TOTAL CRUSTACEA: 12816. TOTAL ZOOPLANKTON: 15456.

MEZIADIN LAKE
STATION: 2
DATE (YY/MM/DD): 78/10/18
DRY BIOMASS (MG/M**3): 11.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DAPHNIA THORATA	72.	0.	0.	168.	480.	96.
POLYPHEMUS PEDICULUS			---- TRACE ----			
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	384.	0.	1428.	588.	2976.	72.
POMPHOLYX SP.	72.	24.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	48.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	192.	0.
GASTROPUS SP.	0.	1704.	0.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	24.	0.	0.	0.	0.
HARPACTICOID			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	528.	1752.	1476.	756.	3648.	168.

TOTAL CRUSTACEA: 5808. TOTAL ZOOPLANKTON: 7800.

MORICE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/12
DRY BIOMASS (MG/M**3): 38.4

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	0.	96.	0.	0.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	96.	0.	0.
CYCLOPS SCUTIFER	864.	0.	1056.	768.	192.	0.
DIAPTOMUS KENAI			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	20112.	816.	10176.	1632.
KELLICOTTIA LONGISPINA	288.	0.	2880.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1152.	0.	24144.	1680.	10368.	1632.

TOTAL CRUSTACEA: 34944. TOTAL ZOOPLANKTON: 37824.

MORICE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/18
DRY BIOMASS (MG/M**3): 45.8

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	96.	0.	0.	0.	0.
DAPHNIA LONGIREMIS	1248.	0.	96.	1152.	576.	384.
HOLOPEDIUM GIBBERUM	672.	0.	0.	960.	576.	0.
EPISCHURA NEVADENSIS	0.	0.	0.	0.	336.	336.
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	4752.	3504.	3168.	192.
KELLICOTTIA LONGISPINA	192.	0.	3072.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	2112.	96.	7920.	5616.	4656.	912.

TOTAL CRUSTACEA: 16128. TOTAL ZOOPLANKTON: 19200.

MORICE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/11
DRY BIOMASS (MG/M**3): 36.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	96.	480.	192.	192.	0.	0.
HOLOPEDIUM GIBBERUM	672.	0.	0.	768.	2208.	48.
DAPHNIA LONGIREMIS	192.	0.	0.	96.	384.	192.
CYCLOPS SCUTIFER	0.	0.	192.	192.	288.	0.
DIAPTOMUS KENAI			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	19.
KELLICOTTIA LONGISPINA	0.	0.	384.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	960.	480.	768.	1248.	2880.	259.

TOTAL CRUSTACEA: 5251. TOTAL ZOOPLANKTON: 5635.

MORICE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/ 7
DRY BIOMASS (MG/M**3): 18.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	96.	288.	192.	96.	0.	0.
HOLOPEDIUM GIBBERUM	672.	0.	0.	96.	192.	288.
DAPHNIA LONGIREMIS	288.	0.	96.	0.	576.	0.
EPISCHURA NEVADENSIS	0.	0.	96.	0.	0.	8.
DIAPTOMUS KENAI			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	3360.	2496.	1824.	0.
KELLICOTTIA LONGISPINA	0.	0.	672.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1056.	288.	4416.	2688.	2592.	297.

TOTAL CRUSTACEA: 9609. TOTAL ZOOPLANKTON: 10281.

MORICE LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/12
DRY BIOMASS (MG/M**3): 23.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	2.
DIAPTOMUS PRIBILOFENSIS			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	864.	576.	2688.	192.
BOSMINA LONGISPINA	0.	96.	1440.	384.	0.	0.
DAPHNIA LONGIREMIS	96.	0.	0.	288.	672.	96.
HOLOPEDIUM GIBBERUM	0.	0.	0.	0.	0.	192.
KELLICOTTIA LONGISPINA	96.	0.	576.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	192.	96.	2880.	1248.	3360.	482.

TOTAL CRUSTACEA: 7490. TOTAL ZOOPLANKTON: 8066.

MORICE LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 6/12
DRY BIOMASS (MG/M**3): 4.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	1.	0.	1.	1.	0.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	0.	1.	0.
DAPHNIA LONGIREMIS	3.	0.	0.	4.	6.	3.
EPISCHURA NEVADENSIS	0.	0.	96.	0.	0.	0.
CYCLOPS SCUTIFER	720.	0.	3960.	120.	864.	384.
KELLICOTTIA LONGISPINA	96.	0.	480.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	820.	0.	4537.	125.	871.	387.

TOTAL CRUSTACEA: 5440. TOTAL ZOOPLANKTON: 5920.

MORICE LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 7/18
DRY BIOMASS (MG/M**3): 19.3

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	48.	0.	0.	0.	0.
HOLOPEDIUM GIBBERUM	144.	0.	144.	240.	96.	96.
DAPHNIA LONGIREMIS	96.	0.	0.	0.	144.	96.
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
EPISCHURA NEVADENSIS			---- TRACE ----			
DIAPTOMUS PRIBILOFENSIS			---- TRACE ----			
CYCLOPS SCUTIFER	912.	0.	4392.	1464.	2304.	672.
KELLICOTTIA LONGISPINA	336.	0.	1872.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1488.	48.	6408.	1704.	2544.	865.

TOTAL CRUSTACEA: 9697. TOTAL ZOOPLANKTON: 11569.

MORICE LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 8/11
DRY BIOMASS (MG/M**3): 26.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	96.	96.	0.	0.	0.
HOLOPEDIUM GIBBERUM	384.	0.	0.	288.	384.	96.
DAPHNIA LONGIREMIS	192.	0.	0.	960.	2176.	1152.
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	29.
CYCLOPS SCUTIFER	1152.	0.	1056.	576.	1152.	192.
KELLICOTTIA LONGISPINA	96.	0.	1344.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1824.	96.	2496.	1824.	3712.	1469.

TOTAL CRUSTACEA: 8253. TOTAL ZOOPLANKTON: 9597.

MORICE LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 9/ 7
DRY BIOMASS (MG/M**3): 22.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	144.	192.	0.	96.	0.	0.
HOLOPEDIUM GIBBERUM	144.	0.	0.	0.	48.	288.
DAPHNIA LONGIREMIS	240.	0.	0.	0.	384.	384.
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	20.
CYCLOPS SCUTIFER	0.	0.	3960.	2664.	2448.	48.
KELLICOTTIA LONGISPINA	0.	0.	720.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	528.	192.	4680.	2760.	2880.	740.

TOTAL CRUSTACEA: 10532. TOTAL ZOOPLANKTON: 11252.

MORICE LAKE
STATION: 2
DATE (YY/MM/DD): 78/10/12
DRY BIOMASS (MG/M**3): 19.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	96.	96.	0.	0.	0.
DAPHNIA LONGIREMIS	96.	0.	192.	96.	0.	192.
HOLOPEDIUM GIBBERUM	384.	0.	96.	0.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	6.
CYCLOPS SCUTIFER	0.	0.	3840.	1632.	2592.	96.
KELLICOTTIA LONGISPINA	0.	0.	96.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	480.	96.	4320.	1728.	2592.	294.

TOTAL CRUSTACEA: 8934. TOTAL ZOOPLANKTON: 9030.

MORICE LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 7/18
DRY BIOMASS (MG/M**3): 67.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	0.	96.	0.	0.	0.
HOLOPEDIUM GIBBERUM	1536.	0.	96.	1056.	1728.	192.
DAPHNIA LONGIREMIS	4512.	0.	192.	2784.	1728.	1248.
EPISCHURA NEVADENSIS	0.	0.	0.	1.	3.	3.
DIAPTOMUS TYRELLI			---- TRACE ----			
CYCLOPS SCUTIFER	1344.	0.	13056.	7680.	5952.	864.
KELLICOTTIA LONGISPINA	576.	0.	8448.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	7968.	0.	21888.	11521.	9411.	2307.

TOTAL CRUSTACEA: 36679. TOTAL ZOOPLANKTON: 45127.

MORICE LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 8/11
DRY BIOMASS (MG/M**3): 18.4

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	0.	96.	0.	0.	0.
HOLOPEDIUM GIBBERUM	480.	0.	0.	144.	144.	336.
DAPHNIA LONGIREMIS	96.	0.	0.	624.	240.	240.
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	49.
CYCLOPS SCUTIFER	0.	0.	768.	432.	528.	0.
KELLICOTTIA LONGISPINA	48.	0.	1872.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	624.	0.	2736.	1200.	912.	625.

TOTAL CRUSTACEA: 3602. TOTAL ZOOPLANKTON: 5474.

OWIKENO LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 4/ 4
DRY BIOMASS (MG/M**3): 12.0

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DAPHNIA SP.	276.	0.	12.	12.	12.	96.
CYCLOPS VERNALIS	804.	0.	240.	120.	156.	84.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI	0.	0.	396.	42.	42.	66.
BOSMINA LONGISPINA	0.	24.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	36.	0.	0.	0.
FILINIA SP.			---- TRACE ----			
CONOCHILUS UNICORNIS	0.	72.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1080.	96.	684.	174.	210.	246.

TOTAL CRUSTACEA: 1302. TOTAL ZOOPLANKTON: 1410.

OWIKENO LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/10
DRY BIOMASS (MG/M**3): 7.5

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	0.	54.	90.	36.
BOSMINA LONGISPINA	12.	0.	0.	12.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	24.	0.	0.	0.
CYCLOPS VERNALIS	0.	0.	186.	6.	12.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	4.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	12.	0.	210.	72.	102.	36.

TOTAL CRUSTACEA: 396. TOTAL ZOOPLANKTON: 420.

OWIKENO LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/15
DRY BIOMASS (MG/M**3): 11.1

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI	3.	0.	12.	0.	0.	18.
ALONA SP.			---- TRACE ----			
EPISCHURA NEVADENSIS			---- TRACE ----			
DAPHNIA PULEX	0.	0.	0.	0.	1.	0.
ASPLANCHNA SP.	48.	0.	0.	0.	48.	0.
CONOCHILUS UNICORNIS	0.	228.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	102.	6.	0.	1.
BOSMINA LONGISPINA	0.	12.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	12.	0.	0.	0.
DETRITUS	3.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	51.	240.	126.	6.	49.	20.

TOTAL CRUSTACEA: 153. TOTAL ZOOPLANKTON: 441.

OWIKENO LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/19
DRY BIOMASS (MG/M**3): 5.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	72.	0.	0.	0.	0.
DAPHNIA LONGIREMIS			---- TRACE ----			
DAPHNIA PULEX			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	48.	0.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI	0.	0.	36.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	12.	0.	0.	0.
FILINIA SP.			---- TRACE ----			
ASPLANCHNA SP.	0.	0.	0.	0.	480.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	72.	96.	0.	480.	0.

TOTAL CRUSTACEA: 156. TOTAL ZOOPLANKTON: 648.

OWIKENO LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/24
DRY BIOMASS (MG/M**3): 4.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	24.	48.	0.	0.	0.	0.
DAPHNIA PULEX			---- TRACE ----			
CYCLOPS VERNALIS	43.	0.	50.	2.	1.	5.
EPISCHURA NEVADENSIS			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
FILINIA SP.			---- TRACE ----			
ASPLANCHNA SP.	0.	0.	0.	0.	72.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	67.	48.	50.	2.	73.	5.

TOTAL CRUSTACEA: 105. TOTAL ZOOPLANKTON: 177.

OWIKENO LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/20
DRY BIOMASS (MG/M**3): 3.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	36.	180.	0.	0.	0.	0.
DAPHNIA LONGIREMIS			---- TRACE ----			
EPISCHURA NEVADENSIS			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	222.	6.	0.	0.
FILINIA SP.			---- TRACE ----			
KELLICOTTIA LONGISPINA	12.	0.	12.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	48.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	2.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	48.	180.	234.	6.	48.	0.

TOTAL CRUSTACEA: 409. TOTAL ZOOPLANKTON: 469.

OWIKENO LAKE
STATION: 1
DATE (YY/MM/DD): 78/11/ 2
DRY BIOMASS (MG/M**3): 5.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	120.	744.	24.	0.	0.	0.
DAPHNIA SP.			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	1.
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	1212.	36.	24.	9.
MACROCYCLOPS ALBIDUS			---- TRACE ----			
FILINIA SP.			---- TRACE ----			
ASPLANCHNA SP.	0.	0.	0.	0.	72.	0.
CLAMS			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	120.	744.	1236.	36.	96.	10.

TOTAL CRUSTACEA: 2050. TOTAL ZOOPLANKTON: 2122.

OWIKENO LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 4/ 4
DRY BIOMASS (MG/M**3): 1.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DAPHNIA PULEX	1.	0.	0.	0.	0.	1.
CYCLOPS VERNALIS	0.	0.	264.	18.	48.	30.
CONOCHILUS UNICORNIS	0.	192.	0.	0.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI	0.	0.	174.	0.	0.	0.
FILINIA SP.			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1.	192.	438.	18.	48.	31.

TOTAL CRUSTACEA: 536. TOTAL ZOOPLANKTON: 728.

OWIKENO LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 5/10
DRY BIOMASS (MG/M**3): 3.4

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	300.	36.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	12.	0.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	0.	24.	30.	6.
DETRITUS	3.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	0.	312.	60.	30.	6.

TOTAL CRUSTACEA: 396. TOTAL ZOOPLANKTON: 408.

OWIKENO LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 6/15
DRY BIOMASS (MG/M**3): 6.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DIAPTOMUS SP.	0.	0.	0.	0.	0.	128.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI	0.	0.	0.	0.	0.	6.
DAPHNIA PULEX			---- TRACE ----			
BOSMINA LONGISPINA	24.	0.	12.	12.	0.	0.
CYCLOPS VERNALIS	0.	0.	18.	6.	36.	12.
CONOCHILUS UNICORNIS	0.	60.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	60.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	24.	60.	30.	18.	96.	146.

TOTAL CRUSTACEA: 230. TOTAL ZOOPLANKTON: 350.

OWIKENO LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 7/19
DRY BIOMASS (MG/M**3): 3.2

SPEC ES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	36.	0.	0.	0.	0.
DAPHNIA PULEX			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	54.	6.	0.	1.
FILINIA SP.			---- TRACE ----			
ASPLANCHNA SP.	0.	0.	0.	0.	168.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	36.	54.	6.	168.	2.

TOTAL CRUSTACEA: 98. TOTAL ZOOPLANKTON: 266.

OWIKENO LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 8/24
DRY BIOMASS (MG/M**3): 4.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	24.	0.	0.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI	32.	0.	24.	0.	0.	0.
KELLICOTTIA LONGISPINA	0.	0.	24.	0.	0.	0.
FILINIA SP.			---- TRACE ----			
ASPLANCHNA SP.	0.	0.	0.	0.	96.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	32.	24.	48.	0.	96.	0.

TOTAL CRUSTACEA: 48. TOTAL ZOOPLANKTON: 168.

OWIKENO LAKE
STATION: 2
DATE (YY/MM/DD): 78/ 9/20
DRY BIOMASS (MG/M**3): 4.4

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	12.	48.	0.	0.	0.	0.
DIAPTOMUS KENAI	672.	0.	24.	0.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	42.	6.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	24.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	684.	48.	66.	6.	24.	0.

TOTAL CRUSTACEA: 120. TOTAL ZOOPLANKTON: 144.

OWIKENO LAKE
STATION: 2
DATE (YY/MM/DD): 78/11/ 2
DRY BIOMASS (MG/M**3): 3.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	120.	0.	0.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	1.
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	216.	24.	24.	8.
MACROCYCLOPS ALBIDUS			---- TRACE ----			
FILINIA SP.			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	384.	120.	216.	24.	24.	10.

TOTAL CRUSTACEA: 394. TOTAL ZOOPLANKTON: 394.

OWIKENO LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 4/ 4
DRY BIOMASS (MG/M**3): 10.3

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
KELLICOTTIA LONGISPINA	0.	0.	27.	0.	0.	0.
CYCLOPS VERNALIS	0.	0.	204.	0.	14.	14.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
FILINIA SP.			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	0.	231.	0.	14.	14.

TOTAL CRUSTACEA: 231. TOTAL ZOOPLANKTON: 258.

OWIKENO LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 5/10
DRY BIOMASS (MG/M**3): 21.3

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
HOLOPEDIUM GIBBERUM	0.	0.	19.	10.	0.	0.
CYCLOPS VERNALIS	0.	0.	101.	14.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	48.	130.	192.	62.
FILINIA SP.			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
DETRITUS	4.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	0.	168.	154.	192.	62.

TOTAL CRUSTACEA: 576. TOTAL ZOOPLANKTON: 576.

OWIKENO LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 6/15
DRY BIOMASS (MG/M**3): 4.0

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	17.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	54.	18.	12.	0.
DAPHNIA PULEX	0.	0.	0.	0.	12.	0.
BOSMINA LONGISPINA	72.	12.	12.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	24.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	12.	0.	12.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	84.	36.	78.	18.	24.	18.

TOTAL CRUSTACEA: 138. TOTAL ZOOPLANKTON: 174.

OWIKENO LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 7/19
DRY BIOMASS (MG/M**3): 2.3

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	24.	0.	0.	0.	0.
CYCLOPS VERNALIS	0.	0.	8.	0.	2.	1.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI	0.	0.	8.	4.	4.	1.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	24.	16.	4.	6.	2.

TOTAL CRUSTACEA: 52. TOTAL ZOOPLANKTON: 52.

OWIKENO LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 8/24
DRY BIOMASS (MG/M**3): 6.0

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DAPHNIA PULEX			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	36.	36.	0.	0.
EPISCHURA NEVADENSIS	0.	0.	0.	156.	192.	36.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
DIAPTOMUS KENAI	576.	0.	144.	0.	0.	12.
KELLICOTTIA LONGISPINA	0.	0.	24.	0.	0.	0.
FILINIA SP.			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	576.	0.	204.	192.	192.	49.

TOTAL CRUSTACEA: 613. TOTAL ZOOPLANKTON: 637.

OWIKENO LAKE
STATION: 3
DATE (YY/MM/DD): 78/ 9/20
DRY BIOMASS (MG/M**3): 11.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	1248.	5568.	48.	0.	0.	0.
DAPHNIA LONGIREMIS			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	3.
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	48.	0.	48.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	24.	0.
FILINIA SP.			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	1248.	5568.	96.	0.	72.	3.

TOTAL CRUSTACEA: 5716. TOTAL ZOOPLANKTON: 5740.

OWIKENO LAKE
STATION: 3
DATE (YY/MM/DD): 78/11/ 2
DRY BIOMASS (MG/M**3): 2.3

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
DAPHNIA LONGIREMIS			---- TRACE ----			
EPISCHURA NEVADENSIS	0.	0.	0.	0.	0.	1.
DIAPTOMUS KENAI			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	0.	0.	0.	3.
FILINIA SP.			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	0.	0.	0.	0.	0.	4.

TOTAL CRUSTACEA: 5. TOTAL ZOOPLANKTON: 5.

SIMPSON LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/19
DRY BIOMASS (MG/M**3): 4.0

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	0.	11.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	46.	0.	0.	183.	171.	0.
POLYPHEMUS PEDICULUS			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS SCUTIFER	251.	0.	1017.	137.	183.	23.
KELLICOTTIA LONGISPINA	0.	0.	23.	0.	0.	0.
PLEOSOMA SP.	0.	0.	23.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	11.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	194.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	457.	0.
CHAOBORUS			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	297.	206.	1074.	320.	811.	23.

TOTAL CRUSTACEA: 1726. TOTAL ZOOPLANKTON: 2434.

SIMPSON LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/11
DRY BIOMASS (MG/M**3): 3.2

SPECIES	EGGS	<275	SIZE CLASS(MICRONS) 275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	48.	0.	96.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	0.	96.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	1992.	216.	120.	0.
KELLICOTTIA LONGISPINA	24.	0.	144.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	48.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	72.	0.	2232.	216.	264.	0.

TOTAL CRUSTACEA: 2520. TOTAL ZOOPLANKTON: 2712.

SIMPSON LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/14
DRY BIOMASS (MG/M**3): 9.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	128.	384.	160.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	160.	32.	0.
POLYPHEMUS PEDICULUS	0.	0.	0.	1.	2.	0.
MACROCYCLOPS ATER			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	2880.	448.	64.	32.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
CONOCHILUS UNICORNIS	0.	832.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	128.	0.	768.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	256.	1216.	3808.	609.	98.	32.

TOTAL CRUSTACEA: 4163. TOTAL ZOOPLANKTON: 5763.

SIMPSON LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/19
DRY BIOMASS (MG/M**3): 12.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	48.	1008.	240.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	48.	0.	0.	336.	144.	0.
HOLOPEDIUM GIBBERUM	96.	0.	0.	288.	144.	0.
POLYPHEMUS PEDICULUS	0.	0.	96.	288.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS SCUTIFER	0.	0.	2400.	864.	384.	192.
MACROCYCLOPS ATER			---- TRACE ----			
PLEOSOMA SP.	0.	0.	96.	0.	0.	0.
GASTROPUS SP.	0.	48.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	9792.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	336.	0.
KELLICOTTIA LONGISPINA	48.	0.	768.	0.	0.	0.
CHAOBORUS			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	240.	10848.	3600.	1776.	1008.	192.

TOTAL CRUSTACEA: 6384. TOTAL ZOOPLANKTON: 17424.

SIMPSON LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/12
DRY BIOMASS (MG/M**3): 19.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	384.	1312.	128.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	32.	0.	96.	128.	96.	0.
HOLOPEDIUM GIBBERUM	96.	0.	64.	736.	544.	0.
POLYPHEMUS PEDICULUS	0.	0.	7.	18.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	1920.	672.	320.	448.
MACROCYCLOPS ATER			---- TRACE ----			
KELLICOTTIA LONGISPINA	0.	0.	512.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	96.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	2560.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	992.	0.
KERATELLA SP.	0.	32.	0.	0.	0.	0.
MITES			---- TRACE ----			
CHAOBORUS			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	512.	4000.	2727.	1554.	1952.	448.

TOTAL CRUSTACEA: 6490. TOTAL ZOOPLANKTON: 10682.

SIMPSON LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/11
DRY BIOMASS (MG/M**3): 11.6

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	456.	3336.	144.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	24.	0.	24.	528.	48.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	24.	24.	0.
POLYPHEMUS PEDICULUS	0.	0.	1.	5.	0.	0.
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	1416.	528.	120.	48.
KELLICOTTIA LONGISPINA	0.	0.	144.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	48.	0.	0.	0.	0.
PLEOSOMA SP.	0.	0.	48.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	672.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	624.	0.
KERATELLA SP.	24.	24.	0.	0.	0.	0.
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	504.	4080.	1777.	1085.	816.	48.

TOTAL CRUSTACEA: 6246. TOTAL ZOOPLANKTON: 7806.

SIMPSON LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/19
DRY BIOMASS (MG/M**3): 4.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	24.	0.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	192.	0.	108.	288.	336.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	0.	12.	0.
POLYPHEMUS PEDICULUS			---- TRACE ----			
DIAPTOMUS FRANCISCANUS			---- TRACE ----			
CYCLOPS VERNALIS	0.	0.	1470.	246.	144.	12.
KELLICOTTIA LONGISPINA	12.	0.	96.	0.	0.	0.
PLEOSOMA SP.	0.	0.	24.	0.	0.	0.
PLEOSOMA TRUNCATUM	0.	12.	0.	0.	0.	0.
GASTROPUS SP.	0.	24.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	588.	0.	0.	0.	0.
ASPLANCHNA SP.	0.	0.	0.	0.	1260.	0.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	204.	648.	1698.	534.	1752.	12.

TOTAL CRUSTACEA: 2640. TOTAL ZOOPLANKTON: 4644.

STEPHENS LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/10
DRY BIOMASS (MG/M**3): 24.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	200.	240.	280.	440.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	40.	0.	0.
HOLOPEDIUM GIBBERUM	0.	0.	0.	120.	40.	0.
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
DIAPTOMUS PRIBILOFENSIS	4760.	0.	0.	0.	0.	80.
CYCLOPS SCUTIFER	0.	0.	3120.	480.	1080.	4720.
GASTROPUS SP.	0.	80.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	520.	0.	2200.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	400.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	5480.	720.	5600.	1080.	1120.	4800.

TOTAL CRUSTACEA: 10640. TOTAL ZOOPLANKTON: 13320.

STEPHENS LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/13
DRY BIOMASS (MG/M**3): 137.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
HETEROCOPE SEPTENTRIONALIS	0.	0.	0.	0.	0.	20.
DIAPTOMUS PRIBILOFENSIS	2400.	0.	480.	180.	180.	1140.
CYCLOPS SCUTIFER	10320.	0.	8820.	300.	240.	1320.
LEPTODORA KINDTII			---- TRACE ----			
DAPHNIA GALEATA MENDOTAE	0.	0.	360.	120.	120.	240.
HOLOPEDIUM GIBBERUM	6120.	0.	0.	240.	840.	480.
BOSMINA LONGISPINA	3480.	4560.	3840.	2400.	0.	0.
KELLICOTTIA LONGISPINA	3840.	0.	25320.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	21360.	0.	0.	0.	0.
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	26160.	25920.	38820.	3240.	1380.	3201.

TOTAL CRUSTACEA: 25881. TOTAL ZOOPLANKTON: 72561.

STEPHENS LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/17
DRY BIOMASS (MG/M**3): 89.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	0.	0.	480.	0.	0.	0.
HOLOPEDIUM GIBBERUM	160.	0.	0.	0.	0.	160.
DIAPTOMUS PRIBILOFENSIS	10400.	0.	14400.	1360.	1360.	1280.
HETEROCOPE SEPTENTRIONALIS	0.	0.	0.	0.	0.	114.
CYCLOPS SCUTIFER	0.	0.	17280.	0.	0.	480.
PLEOSOMA TRUNCATUM	0.	160.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	1120.	0.	6560.	0.	0.	0.
NAKED ROTIFERS	0.	4160.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	11680.	4320.	38720.	1360.	1360.	2034.

TOTAL CRUSTACEA: 36914. TOTAL ZOOPLANKTON: 47794.

STEPHENS LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/14
DRY BIOMASS (MG/M**3): 73.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	1440.	0.	960.	0.	0.	0.
SIDA CRYSTALLINA	240.	0.	720.	2160.	480.	0.
DIAPTOMUS PRIBILOFENSIS	8400.	0.	8640.	1320.	1320.	4800.
HETEROCOPE SEPTENTRIONALIS	0.	0.	0.	0.	0.	26.
CYCLOPS SCUTIFER	0.	0.	11880.	3240.	480.	480.
KELLICOTTIA LONGISPINA	960.	0.	3840.	0.	0.	0.
NAKED ROTIFERS	0.	12960.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	240.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	11040.	13200.	26040.	6720.	2280.	5306.

TOTAL CRUSTACEA: 36506. TOTAL ZOOPLANKTON: 53546.

STEPHENS LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/14
DRY BIOMASS (MG/M**3): 119.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	480.	1800.	240.	0.	0.	0.
DAPHNIA GALEATA MENDOTAE	1440.	0.	120.	1800.	1200.	120.
PSEUDOSIDA BIDENTA	0.	0.	240.	1080.	0.	0.
HOLOPEDIUM GIBBERUM	2.	0.	0.	1.	2.	0.
LEPTODORA KINDTII	0.	0.	0.	0.	0.	8.
HETEROCOPE SEPTENTRIONALIS	0.	0.	0.	0.	0.	5.
DIAPTOMUS PRIBILOFENSIS	5640.	0.	0.	420.	420.	3540.
CYCLOPS SCUTIFER	0.	0.	4560.	3480.	7080.	0.
KELLICOTTIA LONGISPINA	240.	0.	1200.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	2640.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	7802.	4440.	6360.	6781.	8702.	3673.

TOTAL CRUSTACEA: 26116. TOTAL ZOOPLANKTON: 29956.

STEPHENS LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/18
DRY BIOMASS (MG/M**3): 130.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	3960.	4680.	6000.	840.	0.	0.
DAPHNIA GALEATA MENDOTAE	1800.	0.	120.	4080.	10680.	600.
PSEUDOSIDA BIDENTA	0.	0.	0.	720.	0.	0.
HOLOPEDIUM GIBBERUM			---- TRACE ----			
LEPTODORA KINDTII	0.	0.	0.	0.	0.	1.
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
DIAPTOMUS PRIBILOFENSIS	3960.	0.	0.	60.	60.	0.
CYCLOPS SCUTIFER	600.	0.	5640.	4200.	12120.	600.
KELLICOTTIA LONGISPINA	0.	0.	2160.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	960.	0.	0.	0.	0.
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	10324.	5640.	13920.	9900.	22860.	1202.

TOTAL CRUSTACEA: 50402. TOTAL ZOOPLANKTON: 53522.

SWAN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/10
DRY BIOMASS (MG/M**3): 12.7

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	288.	96.	96.	96.	0.	0.
HOLOPEDIUM GIBBERUM	144.	0.	144.	432.	0.	0.
DAPHNIA GALEATA MENDOTAE	0.	0.	0.	48.	0.	0.
CYCLOPS SCUTIFER	0.	0.	21072.	4704.	6192.	432.
DIAPTOMUS PRIBILOFENSIS	0.	0.	3072.	24.	24.	0.
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
CONOCHILUS UNICORNIS	0.	624.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	384.	0.	1536.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	816.	720.	25920.	5304.	6216.	432.

TOTAL CRUSTACEA: 36432. TOTAL ZOOPLANKTON: 38592.

SWAN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 6/13
DRY BIOMASS (MG/M**3): 63.9

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	624.	768.	912.	336.	0.	0.
LEPTODORA KINDTII			---- TRACE ----			
HOLOPEDIUM GIBBERUM	2544.	0.	0.	576.	528.	144.
DAPHNIA GALEATA MENDOTAE	48.	0.	48.	96.	96.	48.
HOLOPEDIUM GIBBERUM	0.	0.	0.	0.	48.	4.
DIAPTOMUS PRIBILOFENSIS	0.	0.	144.	24.	24.	576.
CYCLOPS SCUTIFER	2160.	0.	21912.	216.	6816.	2208.
CONOCHILUS UNICORNIS	0.	10512.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	1776.	0.	7104.	0.	0.	0.
MITES			---- TRACE ----			
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	7152.	11280.	30120.	1248.	7512.	2980.

TOTAL CRUSTACEA: 35524. TOTAL ZOOPLANKTON: 53140.

SWAN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 7/17
DRY BIOMASS (MG/M**3): 45.4

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	768.	288.	384.	288.	0.	0.
DAPHNIA GALEATA MENDOTAE	672.	0.	0.	288.	96.	384.
HOLOPEDIUM GIBBERUM	96.	0.	96.	0.	96.	0.
POLYPHEMUS PEDICULUS	0.	0.	0.	0.	1.	0.
LEPTODORA KINDTII	0.	0.	0.	0.	0.	2.
DIAPTOMUS PRIBILOFENSIS	0.	0.	1632.	0.	0.	1056.
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
CYCLOPS SCUTIFER	5664.	0.	7680.	288.	2880.	1344.
CONOCHILUS UNICORNIS	0.	480.	0.	0.	0.	0.
KELLICOTTIA LONGISPINA	192.	0.	3168.	0.	0.	0.
NAKED ROTIFERS	0.	21408.	0.	0.	0.	0.
POLYARTHA SP.	0.	96.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	7392.	22272.	12960.	864.	3073.	2786.

TOTAL CRUSTACEA: 16803. TOTAL ZOOPLANKTON: 41955.

SWAN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 8/14
DRY BIOMASS (MG/M**3): 48.2

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	96.	576.	1152.	480.	0.	0.
POLYPHEMUS PEDICULUS	0.	0.	0.	0.	384.	0.
DAPHNIA GALEATA MENDOTAE	288.	0.	0.	384.	768.	96.
SIDA CRYSTALLINA	96.	0.	0.	192.	0.	0.
HOLOPEDIUM GIBBERUM	288.	0.	0.	192.	0.	96.
LEPTODORA KINDTII	0.	0.	0.	0.	0.	1.
DIAPTOMUS PRIBILOFENSIS	3456.	0.	192.	48.	48.	48.
HETEROCOPE SEPTENTRIONALIS			---- TRACE ----			
CYCLOPS SCUTIFER	1440.	0.	10224.	432.	2592.	1056.
KELLICOTTIA LONGISPINA	0.	0.	2496.	0.	0.	0.
NAKED ROTIFERS	0.	384.	0.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	576.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	5664.	1536.	14064.	1728.	3792.	1298.

TOTAL CRUSTACEA: 18962. TOTAL ZOOPLANKTON: 22418.

SWAN LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 9/14
DRY BIOMASS (MG/M**3): 54.1

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	432.	432.	384.	48.	0.	0.
DAPHNIA GALEATA MENDOTAE	1248.	0.	0.	1344.	1680.	816.
SIDA CRYSTALLINA			---- TRACE ----			
LEPTODORA KINDTII	0.	0.	0.	0.	0.	2.
HOLOPEDIUM GIBBERUM	0.	0.	0.	48.	0.	0.
POLYPHEMUS PEDICULUS			---- TRACE ----			
DIAPTOMUS PRIBILOFENSIS	2592.	0.	288.	48.	48.	48.
CYCLOPS SCUTIFER	4224.	0.	8016.	576.	1632.	2352.
KELLICOTTIA LONGISPINA	0.	0.	1008.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	336.	0.	0.	0.	0.
CERATIUM	0.	96.	0.	0.	0.	0.
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	8496.	864.	9696.	2064.	3361.	3218.

TOTAL CRUSTACEA: 17763. TOTAL ZOOPLANKTON: 19203.

SWAN LAKE
STATION: 1
DATE (YY/MM/DD): 78/10/18
DRY BIOMASS (MG/M**3): 39.8

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	384.	576.	1392.	48.	0.	0.
DAPHNIA GALEATA MENDOTAE	96.	0.	0.	144.	1392.	288.
LEPTODORA KINDTII			---- TRACE ----			
HOLOPEDIUM GIBBERUM	0.	0.	0.	0.	48.	0.
CYCLOPS SCUTIFER	2400.	0.	12168.	2472.	1152.	2736.
DIAPTOMUS PRIBILOFENSIS	2400.	0.	144.	0.	0.	0.
KELLICOTTIA LONGISPINA	48.	0.	864.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	1248.	0.	0.	0.	0.
MITES			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	5328.	1824.	14568.	2664.	2592.	3025.

TOTAL CRUSTACEA: 22561. TOTAL ZOOPLANKTON: 24673.

WEARE LAKE
STATION: 1
DATE (YY/MM/DD): 78/ 5/11
DRY BIOMASS (MG/M**3): 3.5

SPECIES	EGGS	SIZE CLASS(MICRONS) <275	275-450	450-750	750-1100	>1100
BOSMINA LONGISPINA	160.	16.	240.	16.	0.	0.
DAPHNIA SP.	0.	0.	0.	0.	16.	0.
DIAPTOMUS SP.	0.	624.	0.	64.	80.	1.
CYCLOPS SP.	0.	272.	312.	312.	80.	0.
KELLICOTTIA LONGISPINA	16.	0.	160.	0.	0.	0.
CONOCHILUS UNICORNIS	0.	32.	0.	0.	0.	0.
CHIRONOMID LARVAE			---- TRACE ----			
DETRITUS	1.	0.	0.	0.	0.	0.
SIZE CLASS TOTALS:	176.	944.	712.	392.	176.	1.

TOTAL CRUSTACEA: 2033. TOTAL ZOOPLANKTON: 2225.

ALASTAIR LAKE STN #1
CYCLOPS SCUTIFER

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES II-V	ADULTS FEMALES	ADULTS MALES
78/ 5/ 9	0.	15072.	3312.	264.	0.	0.
78/ 6/ 9	0.	8688.	4752.	720.	0.	0.
78/ 7/20	0.	6048.	3120.	576.	0.	0.
78/ 8/12	0.	5256.	2424.	2664.	0.	72.
78/ 9/13	0.	4464.	696.	96.	0.	0.
78/10/17	0.	5304.	3024.	432.	24.	0.

ALASTAIR LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 5/ 9	24.	24.	240.	72.	0.	24.
78/ 6/ 9	72.	48.	336.	72.	0.	0.
78/ 7/20	312.	288.	576.	336.	0.	0.
78/ 8/12	1368.	648.	1488.	96.	0.	0.
78/ 9/13	1728.	2472.	2496.	168.	0.	0.
78/10/17	1056.	1272.	1536.	0.	0.	0.

ALASTAIR LAKE STN #1
HOLOPEDIUM GIBBERUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100
78/ 6/ 9	1.	0.	0.	0.
78/ 8/12	0.	0.	0.	0.
78/ 9/13	48.	0.	72.	24.
78/10/17	168.	0.	96.	48.

BEAR LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 6/10	560.	6240.
78/ 7/14	480.	4560.
78/ 8/15	187.	5413.
78/ 9/12	120.	3840.

BEAR LAKE STN #1
CONOCHILUS UNICORNIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 6/10	0.	880.
78/ 7/14	0.	3000.
78/ 8/15	0.	280.
78/ 9/12	0.	3360.

BEAR LAKE STN #2
CYCLOPS SCUTIFER

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 6/10	47184.	1632.	7392.	1776.	1296.	1200.
78/ 7/14	1728.	10608.	1440.	8160.	96.	0.
78/ 8/15	0.	10464.	960.	5952.	288.	0.
78/ 9/12	0.	10704.	336.	8112.	0.	0.

BEAR LAKE STN #2
EPISCHURA NEVADENSIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 6/10	0.	48.	96.	0.	0.	0.
78/ 7/14	0.	0.	0.	0.	2.	0.
78/ 8/15	0.	0.	0.	0.	12.	4.

BEAR LAKE STN #2
DIAPTOMUS PRIBILOFENSIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 6/10	0.	4608.	4464.	384.	0.	0.
78/ 7/14	1152.	192.	432.	5232.	288.	336.
78/ 8/15	2544.	48.	96.	2592.	1248.	1584.
78/ 9/12	3072.	48.	0.	864.	1200.	1440.

BEAR LAKE STN #2
HETEROCOPE SEPTENTRIONALIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 7/14	0.	0.	0.	3.	34.	35.
78/ 8/15	0.	0.	0.	0.	47.	40.
78/ 9/12	0.	0.	0.	0.	12.	4.

BEAR LAKE STN #2
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 6/10	672.	0.	144.	48.	0.	96.
78/ 7/14	0.	0.	48.	48.	0.	96.
78/ 8/15	192.	0.	480.	864.	480.	48.
78/ 9/12	48.	96.	192.	144.	144.	96.

BEAR LAKE STN #2
HOLOPEDIUM GIBBERUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100
78/ 6/10	0.	480.	528.	96.
78/ 7/14	0.	0.	0.	48.
78/ 8/15	0.	0.	48.	0.

BEAR LAKE STN #2
DAPHNIA GALEATA MENDOTAE

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 6/10	96.	48.	240.	144.	48.
78/ 8/15	0.	0.	288.	96.	0.
78/ 9/12	0.	0.	144.	48.	0.

BEAR LAKE STN #2
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 6/10	1344.	3552.
78/ 7/14	816.	6960.
78/ 8/15	528.	5184.
78/ 9/12	192.	1536.

BEAR LAKE STN #2
CONOCHILUS UNICORNIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 6/10	0.	576.
78/ 7/14	0.	96.
78/ 8/15	0.	2208.
78/ 9/12	0.	1344.

FRED WRIGHT LAKE STN #1
CYCLOPS SCUTIFER

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	III-V	ADULTS FEMALES	MALES
78/ 6/13	26544.	5856.	6384.	3456.	2880.	1632.
78/ 7/15	31392.	1728.	9120.	2880.	1920.	480.
78/ 8/15	11040.	12576.	2496.	2016.	768.	0.
78/ 9/14	144.	12120.	336.	2688.	240.	144.
78/10/18	0.	35392.	160.	960.	128.	0.

FRED WRIGHT LAKE STN #1
DIAPTOMUS TYRELLI

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 7/15	0.	0.	0.	0.	0.	0.
78/ 8/15	0.	192.	0.	0.	0.	0.
78/ 9/14	0.	120.	0.	24.	1.	0.
78/10/18	128.	0.	0.	0.	32.	96.

FRED WRIGHT LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 6/13	384.	0.	576.	528.	144.	48.
78/ 7/15	672.	384.	3552.	5952.	2304.	192.
78/ 8/15	480.	0.	480.	3360.	1920.	288.
78/ 9/14	120.	72.	360.	312.	72.	0.
78/10/18	416.	32.	224.	544.	128.	0.

FRED WRIGHT LAKE STN #1
HOLOPEDIUM GIBBERUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 6/13	192.	0.	0.	48.	0.
78/ 7/15	864.	0.	1536.	1344.	96.
78/ 8/15	0.	0.	480.	192.	0.
78/ 9/14	0.	0.	24.	0.	0.
78/10/18	0.	64.	160.	32.	0.

FRED WRIGHT LAKE STN #1
DAPHNIA GALEATA MENDOTAE

SAMPLE DATE	EGGS	SIZE (MICRONS) 375–450	450–750	750–1100	1100–1750	
78/ 6/13	48.	96.	384.	48.	0.	0.
78/ 7/15	4608.	96.	1824.	2304.	768.	0.
78/ 8/15	1632.	0.	2592.	3744.	1344.	0.
78/ 9/14	648.	0.	72.	312.	72.	0.
78/10/18	32.	64.	608.	416.	0.	0.

FRED WRIGHT LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE (MICRONS) 500
78/ 6/13	1152.	2784.
78/ 7/15	768.	4608.
78/ 8/15	768.	7104.
78/ 9/14	48.	3504.
78/10/18	128.	1472.

FRED WRIGHT LAKE STN #1
CONOCHILUS UNICORNIS

SAMPLE DATE	EGGS	SIZE (MICRONS) 200
78/ 6/13	0.	288.
78/ 7/15	0.	7488.
78/ 8/15	0.	4224.
78/ 9/14	0.	10560.
78/10/18	0.	6976.

KITLOPE LAKE STN #1
CYCLOPS SP.

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/ 9	0.	144.	88.	16.	0.	0.
78/ 6/ 6	0.	0.	2.	0.	0.	0.
78/ 8/10	0.	0.	2.	0.	0.	0.
78/10/17	0.	0.	3.	0.	0.	0.

KITLOPE LAKE STN #1
CYCLOPS VERNALIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/ 9	8.	120.	0.	0.	0.	8.
78/ 6/ 6	0.	0.	4.	1.	0.	0.
78/ 7/20	0.	12.	384.	180.	0.	3.
78/ 8/10	0.	0.	0.	0.	0.	1.
78/ 9/13	0.	24.	82.	72.	0.	4.
78/10/17	0.	31.	41.	26.	0.	1.

KITLOPE LAKE STN #1
DIAPTOMUS FRANCISCANUS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 7/20	0.	0.	0.	0.	0.	0.
78/ 8/10	0.	0.	0.	0.	0.	0.
78/ 9/13	0.	5.	5.	0.	0.	0.
78/10/17	0.	3.	3.	0.	0.	0.

KITLOPE LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650
78/ 5/ 9	8.	0.	96.	32.	24.
78/ 6/ 6	9.	0.	10.	18.	5.
78/ 7/20	12.	12.	108.	84.	0.
78/ 8/10	4.	1.	22.	30.	0.
78/ 9/13	72.	24.	326.	187.	0.
78/10/17	36.	41.	123.	33.	0.

KITLOPE LAKE STN #1
DAPHNIA GALEATA MENDOTAE

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100
78/ 7/20	0.	0.	1.	1.
78/ 8/10	0.	0.	0.	0.
78/ 9/13	0.	0.	5.	14.
78/10/17	0.	0.	3.	1.

KITLOPE LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 5/ 9	16.	48.
78/ 6/ 6	0.	0.
78/ 7/20	0.	84.
78/ 8/10	0.	1.
78/ 9/13	0.	24.
78/10/17	0.	15.

LONG LAKE STN #3
CONOCHILUS UNICORNIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 5/ 9	0.	36.
78/ 6/14	0.	60.
78/ 7/18	0.	24.
78/11/ 1	0.	192.

LONG LAKE STN #3
ASPLANCHNA SP.

SAMPLE DATE	EGGS	SIZE(MICRONS) 700-1500
78/ 5/ 9	0.	72.
78/ 6/14	0.	288.
78/ 7/18	0.	120.
78/ 8/23	0.	108.
78/ 9/19	0.	4992.

LOWE LAKE STN #1
CYCLOPS VERNALIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/11	0.	120.	24.	24.	0.	1.
78/ 6/14	0.	72.	0.	24.	4.	10.
78/ 7/19	0.	48.	168.	0.	4.	10.
78/ 9/11	0.	288.	0.	72.	4.	14.
78/10/19	0.	600.	120.	96.	2.	3.

LOWE LAKE STN #1
DIAPTOMUS OREGONENSIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 7/19	0.	0.	0.	0.	1.	0.
78/ 8/12	0.	0.	24.	48.	0.	1.
78/ 9/11	0.	48.	0.	0.	8.	5.
78/10/19	0.	48.	0.	0.	96.	24.

LOWE LAKE STN #1
DIAPTOMUS KENAI

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/11	0.	120.	0.	0.	0.	0.
78/ 6/14	0.	0.	0.	0.	17.	26.
78/ 7/19	0.	0.	0.	0.	7.	8.
78/ 8/12	0.	0.	0.	0.	2.	1.

LOWE LAKE STN #1
DIAPTOMUS FRANCISCANUS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/11	0.	360.	0.	0.	6.	2.
78/ 6/14	0.	0.	0.	24.	3.	1.
78/ 7/19	0.	24.	24.	0.	9.	5.
78/ 8/12	0.	0.	0.	0.	22.	18.
78/ 9/11	0.	0.	0.	24.	30.	26.
78/10/19	192.	24.	0.	24.	96.	96.

LOWE LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 5/11	0.	0.	72.	48.	0.	0.
78/ 6/14	24.	48.	312.	144.	0.	0.
78/ 7/19	240.	264.	2976.	1416.	48.	48.
78/ 8/12	864.	312.	3936.	1632.	168.	0.
78/ 9/11	168.	24.	2136.	1392.	0.	0.
78/10/19	480.	0.	816.	1008.	144.	0.

LOWE LAKE STN #1
HOLOPEDIUM GIBBERUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 5/11	0.	96.	0.	48.	0.
78/ 6/14	144.	72.	408.	432.	24.
78/ 7/19	24.	48.	216.	960.	72.
78/ 8/12	0.	0.	168.	24.	0.
78/ 9/11	9.	0.	6.	12.	0.

LOWE LAKE STN #1
DAPHNIA LONGIREMIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 5/11	6.	0.	4.	9.	0.
78/ 6/14	24.	24.	48.	24.	0.
78/ 7/19	0.	0.	0.	48.	0.
78/ 8/12	0.	0.	24.	72.	24.
78/ 9/11	5.	0.	3.	10.	0.
78/10/19	24.	0.	24.	120.	0.

LOWE LAKE STN #1
POLYPHEMUS PEDICULUS

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 5/11	0.	0.	1.	0.	0.
78/ 6/14	0.	0.	5.	0.	0.
78/ 7/19	0.	3.	20.	0.	0.
78/ 8/12	0.	0.	6.	5.	0.
78/ 9/11	0.	0.	24.	48.	0.
78/10/19	2.	0.	4.	3.	1.

LOWE LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 5/11	24.	24.
78/ 6/14	72.	552.
78/ 7/19	24.	528.
78/ 8/12	24.	456.
78/ 9/11	0.	120.
78/10/19	0.	48.

LOWE LAKE STN #1
CONOCHILUS UNICORNIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 5/11	0.	96.
78/ 6/14	0.	480.
78/ 7/19	0.	15888.
78/ 8/12	0.	240.
78/ 9/11	0.	360.
78/10/19	0.	72.

LOWE LAKE STN #1
KERATELLA COCHLEARIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 6/14	0.	216.
78/ 7/19	0.	144.
78/ 8/12	0.	24.
78/ 9/11	0.	216.
78/10/19	0.	48.

LOWE LAKE STN #1
GASTROPUS SP.

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 5/11	0.	24.
78/ 6/14	0.	24.
78/ 7/19	0.	24.
78/ 9/11	0.	264.
78/10/19	0.	648.

LOWE LAKE STN #1
MITES

SAMPLE DATE	EGGS	NUMBERS/M**2
78/ 5/11	0.	0.
78/ 6/14	0.	0.
78/ 7/19	0.	1.
78/ 8/12	0.	2.
78/ 9/11	0.	1.
78/10/19	0.	0.

MEZIADIN LAKE STN #1
CYCLOPS SCUTIFER

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I- II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/12	0.	7584.	4464.	2256.	144.	240.
78/ 6/11	0.	8112.	3984.	2640.	816.	1824.
78/ 7/17	0.	11232.	5472.	1200.	192.	480.
78/ 8/13	2208.	12096.	9024.	2400.	720.	576.
78/ 9/10	1248.	5856.	5328.	2160.	288.	336.
78/10/18	32.	3264.	2144.	6400.	32.	64.

MEZIADIN LAKE STN #1
DIAPTOMUS TYRELLI

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 6/11	0.	432.	960.	240.	0.	0.
78/ 7/17	576.	240.	144.	288.	192.	144.
78/ 8/13	0.	48.	48.	96.	1440.	3072.
78/ 9/10	0.	96.	0.	0.	3.	3.
78/10/18	0.	0.	0.	0.	0.	0.

MEZIADIN LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 5/12	0.	0.	0.	0.	0.	0.
78/ 6/11	0.	0.	0.	0.	0.	0.
78/ 7/17	96.	0.	240.	192.	0.	96.
78/ 8/13	0.	0.	48.	48.	0.	0.
78/ 9/10	0.	0.	96.	0.	0.	0.
78/10/18	0.	32.	0.	96.	0.	0.

MEZIADIN LAKE STN #1
DAPHNIA THORATA

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 5/12	0.	0.	96.	0.	0.
78/ 6/11	2544.	144.	1920.	1248.	384.
78/ 7/17	192.	48.	1920.	6096.	864.
78/ 8/13	0.	0.	816.	288.	96.
78/ 9/10	192.	0.	768.	816.	48.
78/10/18	0.	0.	160.	64.	0.

MEZIADIN LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 5/12	528.	1440.
78/ 6/11	1152.	4128.
78/ 7/17	240.	7488.
78/ 8/13	96.	2736.
78/ 9/10	0.	528.
78/10/18	0.	128.

MEZIADIN LAKE STN #1
PLEOSOMA TRUNCATUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 7/17	0.	768.
78/ 8/13	0.	144.
78/ 9/10	0.	96.
78/10/18	0.	32.

MEZIADIN LAKE STN #1
NAKED ROTIFERS

SAMPLE DATE	EGGS	SIZE(MICRONS) 150
78/ 5/12	0.	288.
78/ 6/11	0.	288.
78/ 7/17	0.	1008.
78/ 8/13	0.	480.
78/ 9/10	0.	1200.
78/10/18	0.	192.

MORICE LAKE STN #1
CYCLOPS SCUTIFER

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I- II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 6/12	864.	288.	1536.	192.	0.	0.
78/ 6/12	0.	19296.	1632.	10176.	576.	1056.
78/ 7/18	0.	1248.	7008.	3168.	96.	96.
78/ 8/11	0.	0.	384.	288.	0.	0.
78/ 9/ 7	0.	864.	4992.	1824.	0.	0.
78/10/12	0.	288.	1152.	2688.	96.	96.

MORICE LAKE STN #1
EPISCHURA NEVADENSIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I- II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 7/18	0.	0.	0.	672.	0.	0.
78/ 8/11	0.	0.	0.	0.	6.	13.
78/ 9/ 7	0.	96.	0.	0.	6.	2.
78/10/12	0.	0.	0.	0.	2.	0.

MORICE LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 6/12	0.	0.	0.	96.	0.	0.
78/ 7/18	0.	0.	96.	0.	0.	0.
78/ 8/11	96.	0.	480.	192.	192.	0.
78/ 9/ 7	96.	0.	288.	192.	96.	192.
78/10/12	0.	0.	96.	1440.	384.	480.

MORICE LAKE STN #1
HOLOPEDIUM GIBBERUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 6/12	0.	0.	96.	0.	0.
78/ 7/18	672.	0.	960.	576.	0.
78/ 8/11	672.	0.	768.	2208.	48.
78/ 9/ 7	672.	0.	96.	192.	288.
78/10/12	0.	0.	0.	0.	192.

MORICE LAKE STN #1
DAPHNIA LONGIREMIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 7/18	1248.	96.	1152.	576.	384.
78/ 8/11	192.	0.	96.	384.	192.
78/ 9/ 7	288.	96.	0.	576.	0.
78/10/12	96.	0.	288.	672.	96.

MORICE LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 6/12	288.	2880.
78/ 7/18	192.	3072.
78/ 8/11	0.	384.
78/ 9/ 7	0.	672.
78/10/12	96.	576.

MORICE LAKE STN #2
CYCLOPS SCUTIFER

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I- II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 6/12	720.	3840.	240.	864.	144.	240.
78/ 7/18	912.	2928.	2928.	2304.	240.	432.
78/ 8/11	1152.	480.	1152.	1152.	192.	0.
78/ 9/ 7	0.	1296.	5328.	2448.	48.	0.
78/10/12	0.	2208.	3264.	2592.	96.	0.

MORICE LAKE STN #2
EPISCHURA NEVADENSIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I- II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 6/12	0.	96.	0.	0.	0.	0.
78/ 7/18	0.	0.	0.	0.	0.	0.
78/ 8/11	0.	0.	0.	0.	16.	13.
78/ 9/ 7	0.	0.	0.	0.	13.	6.
78/10/12	0.	0.	0.	0.	4.	3.

MORICE LAKE STN #2
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 6/12	1.	0.	0.	1.	1.	0.
78/ 7/18	0.	0.	48.	0.	0.	0.
78/ 8/11	0.	0.	96.	96.	0.	0.
78/ 9/ 7	144.	48.	144.	0.	96.	96.
78/10/12	0.	0.	96.	96.	0.	0.

MORICE LAKE STN #2
HOLOPEDIUM GIBBERUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 6/12	0.	0.	0.	1.	0.
78/ 7/18	144.	144.	240.	96.	96.
78/ 8/11	384.	0.	288.	384.	96.
78/ 9/ 7	144.	0.	0.	48.	288.
78/10/12	384.	96.	0.	0.	0.

MORICE LAKE STN #2
DAPHNIA LONGIREMIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 6/12	3.	0.	4.	6.	3.
78/ 7/18	96.	0.	0.	144.	96.
78/ 8/11	192.	0.	960.	2176.	1152.
78/ 9/ 7	240.	0.	0.	384.	384.
78/10/12	96.	192.	96.	0.	192.

MORICE LAKE STN #2
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE (MICRONS) 500
78/ 6/12	96.	480.
78/ 7/18	336.	1872.
78/ 8/11	96.	1344.
78/ 9/ 7	0.	720.
78/10/12	0.	96.

OWIKENO LAKE STN #1
CYCLOPS VERNALIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 4/ 4	804.	120.	240.	156.	48.	36.
78/ 5/10	0.	180.	12.	12.	0.	0.
78/ 6/15	0.	96.	12.	0.	0.	1.
78/ 7/19	0.	48.	0.	0.	0.	0.
78/ 8/24	43.	48.	3.	1.	2.	2.
78/ 9/20	0.	216.	12.	0.	0.	0.
78/11/ 2	0.	1176.	72.	24.	3.	7.

OWIKENO LAKE STN #1
EPISCHURA NEVADENSIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/10	0.	0.	108.	72.	0.	0.
78/ 6/15	0.	0.	0.	0.	0.	0.
78/ 8/24	0.	0.	0.	0.	0.	0.
78/ 9/20	0.	0.	0.	0.	0.	0.
78/11/ 2	0.	0.	0.	0.	1.	0.

OWIKENO LAKE STN #1
DIAPTOMUS KENAI

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 4/ 4	0.	396.	84.	132.	0.	0.
78/ 6/15	3.	12.	0.	36.	0.	0.
78/ 7/19	0.	36.	0.	0.	0.	12.
78/ 8/24	0.	0.	0.	0.	1.	0.
78/ 9/20	0.	0.	0.	0.	8.	9.
78/11/ 2	0.	0.	0.	0.	4.	2.

OWIKENO LAKE STN #1
DIAPTOMUS FRANCISCANUS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 4/ 4	156.	324.	336.	1092.	180.	264.
78/ 5/10	0.	156.	12.	0.	2.	2.
78/ 6/15	0.	756.	420.	168.	108.	132.
78/ 7/19	0.	108.	72.	72.	24.	72.
78/ 8/24	0.	120.	0.	216.	72.	72.
78/ 9/20	0.	384.	48.	48.	12.	24.
78/11/ 2	0.	528.	336.	24.	4.	3.

OWIKENO LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 4/ 4	0.	24.	0.	0.	0.	0.
78/ 5/10	12.	0.	0.	0.	12.	0.
78/ 6/15	0.	0.	12.	0.	0.	0.
78/ 7/19	0.	72.	0.	0.	0.	0.
78/ 8/24	24.	24.	24.	0.	0.	0.
78/ 9/20	36.	36.	144.	0.	0.	0.
78/11/ 2	120.	192.	552.	24.	0.	0.

OWIKENO LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 4/ 4	0.	36.
78/ 5/10	0.	24.
78/ 6/15	0.	12.
78/ 7/19	0.	12.
78/ 9/20	12.	12.

OWIKENO LAKE STN #1
ASPLANCHNA SP.

SAMPLE DATE	EGGS	SIZE(MICRONS) 700-1500
78/ 6/15	48.	48.
78/ 7/19	0.	480.
78/ 8/24	0.	72.
78/ 9/20	0.	48.
78/11/ 2	0.	72.

OWIKENO LAKE STN #1
FILINIA SP.

SAMPLE DATE	EGGS	SIZE(MICRONS) 150
78/ 4/ 4	36.	156.
78/ 7/19	0.	648.
78/ 8/24	0.	4008.
78/ 9/20	0.	1224.
78/11/ 2	0.	11520.

OWIKENO LAKE STN #1
CHIRONOMIDS

SAMPLE DATE	EGGS	NUMBERS/M**2
78/ 4/ 4	0.	0.
78/ 5/10	0.	0.
78/ 6/15	0.	0.
78/ 7/19	0.	1.
78/ 9/20	0.	0.

OWIKENO LAKE STN #2
CYCLOPS VERNALIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES		ADULTS	
			I-II	III-V	FEMALES	MALES
78/ 4/ 4	0.	246.	36.	48.	0.	30.
78/ 5/10	0.	264.	72.	0.	0.	0.
78/ 6/15	0.	12.	12.	36.	0.	12.
78/ 7/19	0.	48.	12.	0.	1.	0.
78/ 9/20	0.	36.	12.	0.	0.	0.
78/11/ 2	0.	192.	48.	24.	3.	6.

OWIKENO LAKE STN #2
DIAPTOMUS KENAI

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES		ADULTS	
			I-II	III-V	FEMALES	MALES
78/ 4/ 4	0.	174.	0.	0.	0.	0.
78/ 6/15	0.	0.	0.	12.	0.	0.
78/ 7/19	0.	0.	0.	2.	5.	4.
78/ 8/24	32.	24.	0.	0.	6.	7.
78/ 9/20	672.	24.	0.	0.	12.	108.
78/11/ 2	384.	0.	0.	0.	1.	2.

OWIKENO LAKE STN #2
DIAPTOMUS FRANCISCANUS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 4/ 4	0.	312.	42.	156.	18.	36.
78/ 5/10	0.	324.	72.	0.	1.	3.
78/ 6/15	312.	804.	564.	384.	256.	84.
78/ 7/19	72.	72.	300.	204.	48.	60.
78/ 8/24	0.	48.	72.	408.	216.	264.
78/ 9/20	120.	132.	24.	96.	48.	24.
78/11/ 2	0.	144.	72.	48.	22.	30.

OWIKENO LAKE STN #2
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 6/15	24.	0.	0.	12.	12.	0.
78/ 7/19	0.	36.	0.	0.	0.	0.
78/ 8/24	0.	0.	24.	0.	0.	0.
78/ 9/20	12.	0.	48.	0.	0.	0.
78/11/ 2	0.	72.	48.	0.	0.	0.

OWIKENO LAKE STN #2
ASPLANCHNA SP.

SAMPLE DATE	EGGS	SIZE(MICRONS) 700-1500				
78/ 6/15	0.	60.	0.	0.	0.	0.
78/ 7/19	0.	168.	0.	0.	0.	0.
78/ 8/24	0.	96.	0.	0.	0.	0.
78/ 9/20	0.	24.	0.	0.	0.	0.

OWIKENO LAKE STN #2
FILINIA SP.

SAMPLE DATE	EGGS	SIZE(MICRONS) 150				
78/ 4/ 4	0.	54.	0.	0.	0.	0.
78/ 7/19	0.	528.	0.	0.	0.	0.
78/ 8/24	0.	2400.	0.	0.	0.	0.
78/11/ 2	0.	15984.	0.	0.	0.	0.

OWIKENO LAKE STN #2
CHIRONOMIDS

SAMPLE DATE	EGGS	NUMBERS/M**2				
78/ 4/ 4	0.	0.	0.	0.	0.	0.
78/ 6/15	0.	3.	0.	0.	0.	0.
78/ 7/19	0.	2.	0.	0.	0.	0.
78/ 8/24	0.	3.	0.	0.	0.	0.
78/ 9/20	0.	1.	0.	0.	0.	0.
78/11/ 2	0.	1.	0.	0.	0.	0.

OWIKENO LAKE STN #3
CYCLOPS VERNALIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 4/ 4	0.	204.	0.	14.	14.	0.
78/ 5/10	0.	86.	29.	0.	0.	0.
78/ 6/15	0.	36.	36.	12.	0.	0.
78/ 7/19	0.	8.	0.	2.	1.	1.
78/ 8/24	0.	0.	72.	0.	0.	0.
78/ 9/20	0.	48.	0.	48.	0.	0.
78/11/ 2	0.	0.	0.	0.	1.	2.

OWIKENO LAKE STN #3
EPISCHURA NEVADENSIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/10	0.	48.	259.	125.	0.	0.
78/ 6/15	0.	0.	0.	0.	15.	3.
78/ 8/24	0.	0.	312.	72.	0.	0.
78/ 9/20	0.	0.	0.	0.	1.	2.
78/11/ 2	0.	0.	0.	0.	0.	1.

OWIKENO LAKE STN #3
DIAPTOMUS KENAI

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 4/ 4	0.	0.	0.	0.	0.	0.
78/ 5/10	0.	0.	0.	0.	0.	0.
78/ 6/15	0.	0.	0.	0.	0.	2.
78/ 7/19	0.	8.	8.	2.	3.	4.
78/ 8/24	576.	144.	0.	24.	23.	24.
78/ 9/20	0.	0.	0.	0.	48.	96.
78/11/ 2	0.	0.	0.	0.	1.	2.

OWIKENO LAKE STN #3
DIAPTOMUS FRANCISCANUS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 4/ 4	517.	422.	0.	136.	626.	503.
78/ 5/10	29.	346.	0.	0.	115.	19.
78/ 6/15	0.	144.	360.	204.	36.	12.
78/ 7/19	4.	0.	0.	32.	4.	4.
78/ 8/24	552.	720.	600.	744.	264.	312.
78/ 9/20	144.	240.	24.	48.	48.	48.
78/11/ 2	96.	72.	144.	24.	32.	40.

OWIKENO LAKE STN #3
FILINIA SP.

SAMPLE DATE	EGGS	SIZE(MICRONS) 150
78/ 4/ 4	0.	68.
78/ 5/10	0.	29.
78/ 8/24	0.	2256.
78/ 9/20	0.	1344.
78/11/ 2	0.	480.

OWIKENO LAKE STN #3
CHIRONOMIDS

SAMPLE DATE	EGGS	NUMBERS/M**2
78/ 4/ 4	0.	8.
78/ 5/10	0.	0.
78/ 7/19	0.	1.
78/ 9/20	0.	0.

SIMPSON LAKE STN #1
CYCLOPS VERNALIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/11	0.	1776.	432.	120.	0.	0.
78/ 6/14	0.	2432.	896.	64.	32.	0.
78/ 8/12	0.	1248.	1344.	320.	128.	320.
78/ 9/11	0.	888.	1056.	120.	0.	48.
78/10/19	0.	1224.	492.	144.	12.	0.

SIMPSON LAKE STN #1
DIAPTOMUS FRANCISCANUS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/11	336.	264.	288.	576.	96.	192.
78/ 6/14	384.	1216.	1600.	896.	64.	0.
78/ 7/19	0.	0.	48.	912.	48.	192.
78/ 8/12	448.	0.	0.	96.	64.	224.
78/ 9/11	0.	0.	24.	456.	144.	144.
78/10/19	0.	0.	0.	23.	114.	126.
78/10/19	0.	0.	0.	24.	60.	120.

SIMPSON LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 5/11	48.	0.	0.	96.	0.	0.
78/ 6/14	128.	0.	384.	160.	0.	0.
78/ 7/19	48.	240.	768.	240.	0.	0.
78/ 8/12	384.	192.	1120.	128.	0.	0.
78/ 9/11	456.	360.	2976.	144.	0.	0.
78/10/19	0.	0.	0.	11.	0.	0.
78/10/19	0.	0.	24.	0.	0.	0.

SIMPSON LAKE STN #1
HOLOPEDIUM GIBBERUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750	
78/ 7/19	96.	0.	288.	144.	0.	0.
78/ 8/12	96.	64.	736.	544.	0.	0.
78/ 9/11	0.	0.	24.	24.	0.	0.
78/10/19	0.	0.	0.	12.	0.	0.

SIMPSON LAKE STN #1
DAPHNIA GALEATA MENDOTAE

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100
78/ 5/11	0.	0.	0.	96.
78/ 6/14	0.	0.	160.	32.
78/ 7/19	48.	0.	336.	144.
78/ 8/12	32.	96.	128.	96.
78/ 9/11	24.	24.	528.	48.
78/10/19	46.	0.	183.	171.
78/10/19	192.	108.	288.	336.

SIMPSON LAKE STN #1
POLYPHEMUS PEDICULUS

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 6/14	0.	0.	1.	2.	0.
78/ 7/19	0.	96.	288.	0.	0.
78/ 8/12	0.	7.	18.	0.	0.
78/ 9/11	0.	1.	5.	0.	0.
78/10/19	0.	0.	0.	0.	0.
78/10/19	0.	0.	0.	0.	0.

SIMPSON LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 5/11	24.	144.
78/ 6/14	128.	768.
78/ 7/19	48.	768.
78/ 8/12	0.	512.
78/ 9/11	0.	144.
78/10/19	0.	23.
78/10/19	12.	96.

SIMPSON LAKE STN #1
CONOCHILUS UNICORNIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 6/14	0.	832.
78/ 7/19	0.	9792.
78/ 8/12	0.	2560.
78/ 9/11	0.	672.
78/10/19	0.	194.
78/10/19	0.	588.

SIMPSON LAKE STN #1
PLEOSOMA SP.

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 7/19	0.	96.
78/ 9/11	0.	48.
78/10/19	0.	23.
78/10/19	0.	24.

SIMPSON LAKE STN #1
PLEOSOMA TRUNCATUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 8/12	0.	96.
78/ 9/11	0.	48.
78/10/19	0.	11.
78/10/19	0.	12.

SIMPSON LAKE STN #1
ASPLANCHNA SP.

SAMPLE DATE	EGGS	SIZE (MICRONS) 700-1500
78/ 5/11	0.	48.
78/ 7/19	0.	336.
78/ 8/12	0.	992.
78/ 9/11	0.	624.
78/10/19	0.	457.
78/10/19	0.	1260.

SIMPSON LAKE STN #1
CHIRONOMIDS

SAMPLE DATE	EGGS	NUMBERS/M**2
78/ 5/11	0.	0.
78/ 6/14	0.	0.
78/10/19	0.	0.
78/10/19	0.	0.

SIMPSON LAKE STN #1
MITES

SAMPLE DATE	EGGS	NUMBERS/M**2
78/ 7/19	0.	1.
78/ 8/12	0.	2.
78/ 9/11	0.	1.
78/10/19	0.	0.

STEPHENS LAKE STN #1
CYCLOPS SCUTIFER

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/10	0.	2640.	960.	1080.	3120.	1600.
78/ 6/13	10320.	8520.	600.	240.	960.	360.
78/ 7/17	0.	17280.	0.	0.	480.	0.
78/ 8/14	0.	8640.	6480.	480.	240.	240.
78/ 9/14	0.	1080.	6960.	7080.	0.	0.
78/10/18	600.	1440.	8400.	12120.	240.	360.

STEPHENS LAKE STN #1
DIAPTOMUS PRIBILOFENSIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/10	4760.	0.	0.	160.	80.	160.
78/ 6/13	2400.	480.	360.	2280.	1080.	840.
78/ 7/17	10400.	14400.	2720.	2560.	3040.	1760.
78/ 8/14	8400.	8640.	2640.	9600.	2640.	3360.
78/ 9/14	5640.	0.	840.	7080.	3720.	4680.
78/10/18	3960.	0.	120.	0.	2880.	2280.

STEPHENS LAKE STN #1
HETEROCOPE SEPTENTRIONALIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/10	0.	280.	0.	0.	1.	0.
78/ 6/13	0.	360.	5.	108.	38.	20.
78/ 7/17	0.	0.	0.	1.	114.	114.
78/ 8/14	0.	0.	0.	0.	28.	26.
78/ 9/14	0.	0.	0.	0.	9.	5.
78/10/18	0.	0.	0.	0.	0.	1.

STEPHENS LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 5/10	200.	40.	200.	280.	440.	200.
78/ 6/13	3480.	1560.	3000.	3840.	2400.	3240.
78/ 7/17	0.	0.	0.	480.	0.	0.
78/ 8/14	1440.	0.	0.	960.	0.	720.
78/ 9/14	480.	120.	1680.	240.	0.	0.
78/10/18	3960.	0.	4680.	6000.	840.	0.

STEPHENS LAKE STN #1
HOLOPEDIUM GIBBERUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 5/10	0.	0.	120.	40.	0.
78/ 6/13	6120.	0.	240.	840.	480.
78/ 7/17	160.	0.	0.	0.	160.
78/ 9/14	2.	0.	1.	2.	0.
78/10/18	4.	0.	0.	0.	0.

STEPHENS LAKE STN #1
DAPHNIA GALEATA MENDOTAE

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100		
78/ 5/10	0.	0.	40.	0.	0.	0.
78/ 6/13	0.	360.	120.	120.	240.	0.
78/ 9/14	1440.	120.	1800.	1200.	120.	0.
78/10/18	1800.	120.	4080.	10680.	600.	0.

STEPHENS LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 5/10	520.	2200.
78/ 6/13	3840.	25320.
78/ 7/17	1120.	6560.
78/ 8/14	960.	3840.
78/ 9/14	240.	1200.
78/10/18	0.	2160.

STEPHENS LAKE STN #1
CONOCHILUS UNICORNIS

SAMPLE DATE	EGGS	SIZE(MICRONS) 200
78/ 5/10	0.	400.
78/ 6/13	0.	21360.
78/ 8/14	0.	240.
78/ 9/14	0.	2640.
78/10/18	0.	960.

SWAN LAKE STN #1
CYCLOPS SCUTIFER

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/10	0.	16368.	9408.	6192.	192.	240.
78/ 6/13	2160.	21696.	432.	6816.	1104.	1104.
78/ 7/17	5664.	7392.	576.	2880.	864.	480.
78/ 8/14	1440.	9792.	864.	2592.	672.	384.
78/ 9/14	4224.	7440.	1152.	1632.	1296.	1056.
78/10/18	2400.	9696.	4944.	1152.	1536.	1200.

SWAN LAKE STN #1
DIAPTOMUS PRIBILOIENSIS

SAMPLE DATE	EGGS	NAUPLII	COPEPODITES I-II	COPEPODITES III-V	ADULTS FEMALES	ADULTS MALES
78/ 5/10	0.	3072.	48.	0.	0.	0.
78/ 6/13	0.	144.	48.	1152.	0.	0.
78/ 7/17	0.	1632.	0.	2112.	384.	288.
78/ 8/14	3456.	192.	96.	96.	1056.	1056.
78/ 9/14	2592.	288.	96.	96.	720.	528.
78/10/18	2400.	144.	0.	0.	336.	384.

SWAN LAKE STN #1
LEPTODORA KINDTII

SAMPLE DATE	EGGS	SIZE(MICRONS) NA	1000-3000	3000-7000	7000-1000	>10000
78/ 6/13	0.	0.	0.	0.	0.	0.
78/ 7/17	0.	0.	0.	1.	0.	0.
78/ 8/14	0.	0.	0.	1.	0.	0.
78/ 9/14	0.	1.	2.	0.	0.	0.
78/10/18	0.	0.	1.	0.	0.	0.

SWAN LAKE STN #1
BOSMINA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 125-225	225-325	325-450	450-650	>650
78/ 5/10	288.	0.	96.	96.	96.	0.
78/ 6/13	624.	0.	768.	912.	336.	96.
78/ 7/17	768.	0.	288.	384.	288.	672.
78/ 8/14	96.	96.	480.	1152.	480.	0.
78/ 9/14	432.	48.	384.	384.	48.	0.
78/10/18	384.	0.	576.	1392.	48.	0.

SWAN LAKE STN #1
HOLOPEDIUM GIBBERUM

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100	1100-1750
78/ 5/10	144.	144.	432.	0.	0.
78/ 6/13	0.	0.	0.	48.	4.
78/ 6/13	2544.	0.	576.	528.	144.
78/ 7/17	96.	96.	0.	96.	0.
78/ 8/14	288.	0.	192.	0.	96.
78/ 9/14	0.	0.	48.	0.	0.
78/10/18	0.	0.	0.	48.	0.

SWAN LAKE STN #1
DAPHNIA GALEATA MENDOTAE

SAMPLE DATE	EGGS	SIZE(MICRONS) 375-450	450-750	750-1100		
78/ 5/10	0.	0.	48.	0.	0.	0.
78/ 6/13	48.	48.	96.	96.	48.	0.
78/ 7/17	672.	0.	288.	96.	384.	0.
78/ 8/14	288.	0.	384.	768.	96.	0.
78/ 9/14	1248.	0.	1344.	1680.	816.	96.
78/10/18	96.	0.	144.	1392.	288.	0.

SWAN LAKE STN #1
KELLICOTTIA LONGISPINA

SAMPLE DATE	EGGS	SIZE(MICRONS) 500
78/ 5/10	384.	1536.
78/ 6/13	1776.	7104.
78/ 7/17	192.	3168.
78/ 8/14	0.	2496.
78/ 9/14	0.	1008.
78/10/18	48.	864.

Appendix table 1. Locations of sampled lakes (from Rankin et al. 1979 and Stockner and Shortreed 1979).

Lake	Latitude	Longitude
Alastair	54°05'	129°11'
Bear	56°08'	126°49'
Fred Wright	55°58'	128°47'
Gamble	53°	129°
Kitlope	53°07'	127°13'
Long	51°14'	127°10'
Lowe	53°34'	129°33'
Meziadin	56°02'	129°15'
Morice	54°00'	127°40'
Owikeno	51°40'	127°00'
Simpson	53°37'	129°33'
Stephens	55°45'	128°35'
Swan	55°46'	128°39'
Weare	53°	129°

Appendix table 2. Length-weight relationships used to calculate wet weights from zooplankton species counts (from Edmonddson and Winberg 1971).

All copepods:	Wet wt (mg) = $0.03675\ L(mm)^{3.2218}$
Bosmina:	Wet wt = $0.124L^{2.181}$
All other cladocera:	Wet wt = $0.052\ L^{3.012}$